Exhibit A

Ordinance Permit 20250020303



25 West 4th Street, 1500 City Hall Annex Saint Paul, MN 55102 Tel: 651-266-6100 | Fax: 651-266-6222

Certificate of Compliance

I hereby certify that work completed under this Ordinance Permit and materials provided for installation conform to the appropriate specifications and provisions of the current State of Minnesota Department of Transportation *Standard Specifications for Construction* and the Department of Public Works, City of Saint Paul, Minnesota, *Standard Supplemental Specifications for Construction*, as amended, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Signage for Winthrop St N from Ivy Avenue E through Arlington Avenue East; Howard Street N from Ivy Avenue E through Arlington Avenue E, Cottage Avenue E from Winthrop Street N to Howard Street N, and Ivy Avenue E from Winthrop Street N to McKnight Road. - OP 20243030007

Project Description	
License No. 59517	10-08-2025
(Signature and License No.)	Date
Bolton and Menk for Saint Paul Port Authority	
Organization (Print)	

THE HEIGHTS SITE REDEVELOPMENT

(AKA HILLCREST GOLF COURSE)

ORDINANCE PERMIT 20

20250020303

2200 Larpenteur Avenue East, St. Paul, Minnesota

AS-BUILTS

....013987-000 ...(.09-23-2024; 100% PLAN RÉVISION 6 (CITY REVIEW COMMENTS) WSB Project Number Issue Date







THE SUBSURFACE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF PRIVATE UTILITIES HAS BEEN DESIGNATED UTILITY QUALITY LEVEL D. THESE QUALITY LEVELS WERE DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE DATA". THE CONTRACTOR IS TO DETERMINE THE TYPE AND LOCATION OF PRIVATE UTILITIES AS MAY BE DEEMED NECESSARY TO AVOID DAMAGE THERETO.

MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. THIS DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, BOLTON & MENK, INC. CANNOT ASSURE ITS ACCURACY. THOSE RELYING ON THIS DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE

10-08-2025

CONTRACTOR: DESIGNING EARTH CONTRACTING 1282 187th Ln NE East Bethel, MN 55011

SHEET NO.	DESCRIPTION			
1	TITLE SHEET			
2-3	STATEMENT OF ESTIMATED QUANTITIES			
4-9	EARTHWORK TABULATIONS			
10-14	UTILITY TABULATIONS			
15-23	STANDARD DETAILS			
24-29	PEDESTRIAN CURB RAMP DETAILS			
30-31	GENERAL NOTES			
32-36	EXISTING CONDITIONS PLAN			
37-45	TYPICAL SECTIONS			
46-53	ALIGNMENT PLANS			
54-57	BUILDING DEMOLITION PLAN			
58-62	CONTAMINATED SOILS REMOVAL PLAN			
63-76	SITE PLAN			
77-95	REMOVAL PLAN			
96-109	GRADING PLAN			
110-111	SUBSURFACE STORMWATER DETAIL			
112	STORMWATER INFILTRATION BASIN DETAIL			
113-114	IRON ENHANCED STORMWATER DETAIL			
115-116	STORMWATER INFILTRATION BASIN DETAIL			
117-120	SPECIAL DRAINAGE STRUCTURE DETAILS			
121-130	DISTRICT STORMWATER SWALE DETAILS			
131-134	RETAINING WALL PLAN & DETAILS			
135-164	SANITARY SEWER AND WATERMAIN CONSTRUCTION			
165-203	STORM SEWER CONSTRUCTION			
204-235	STREET CONSTRUCTION			
236-248	TRAIL CONSTRUCTION PLAN			
249-260	INTERSECTION DETAILS			
261-290	PEDESTRIAN RAMP PLAN			
291-312	STREET LIGHTING PLAN			
313-323	TRAFFIC CONTROL PLANS			
324-347	SIGNING AND STRIPING PLANS			
348	TEMPORARY SEDIMENT CONTROL PLAN & DETAILS			
349-369	EROSION CONTROL PLAN & DETAILS			
370-373	STORM WATER POLLUTION PREVENTION PLAN			
374-435	CROSS SECTIONS			
436-448	LANDSCAPE AMENITY PLAN (L300-L305, L310-L316)			
449	TREE PROTECTION DETAILS (L501)			
450-451	LANDSCAPE AMENITY DETAILS (L601 - L602)			

THIS PLAN SET CONTAINS 451 SHEETS

LOCAL STREET	DESIGN VEHICLE	ACCOMODATION VEHICLE
WINTHROP ST. N.	Р	S-BUS-40
IVY AVE. E.	P	S-BUS-40
CLEAR AVE. E.	P	S-BUS-40
COTTAGE AVE. E.	P	S-BUS-40
SHERWOOD AVE. E.	P	S-BUS-40
ARLINGTON AVE. E.	P	S-BUS-40
NEBRASKA AVE. E.	P	S-BUS-40
HOYT AVE. E.	P	S-BUS-40
IOWA AVE. E.	P	S-BUS-40

MIXED-USE		
LIGHT INOUSTRIAL STREET	OESIGN VEHICLE	ACCOMOOATION VEHICLE
HOWARD ST. N.	SU-30	WB-40
IDAHO AVE. E.	SU-30	WB-40

WB-40

WB-40

DESIGN DESIGNATION (ARLINGTON, HOWARD, IDAHO, MONTANA)

WB-62

WB-62

R VALUE	=	30
PRESENT ADT (2025)	=	0
PROJECTED ADT (2045)	=	3,450
ESALS `	=	460,000
DESIGN SPEED	=	25 MPH
BASED ON:		STOPPING SIGHT DISTANCE
HEIGHT OF EYE	=	3.5
HEIGHT OF OBJECT	=	2.0

DESIGN SPEED NOT ACHIEVED AT:

MONTANA AVE. E.

ARLINGTON AVE. E.

LOCAL
2
1
2
10 TON

DESIGN DESIGNATION (LOCAL / RESIDENTIAL STREETS)

DECIGIT DECIGITATION	(200, 12,	- REGIDENTINE OF REEL OF
R VALUE	=	30
PRESENT ADT (2025)	=	0
PROJECTED ADT (2045)	=	1,500
ESALS ` ´	=	150.000
DESIGN SPEED	=	25 MPH
BASED ON:		STOPPING SIGHT DISTANC
HEIGHT OF EYE	=	3.5
HEIGHT OF OBJECT	=	2.0

DESIGN SPEED NOT ACHIEVED AT

BEGIGIT OF EED ITO FROM EVED IT.	
FUNCTIONAL CLASSIFICATION: NO. OF TRAFFIC LANES:	LOCAL
NO. OF PARKING LANES:	1
SHOULDER WIDTH:	2
STRUCTURAL DESIGN STRENGTH:	10 TON

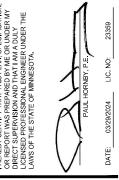
DESIGN DESIGNATION TRAIL

DESIGN SPEED <u>20</u> MPH BASED ON STOPPING SIGHT DISTANCE HEIGHT OF EYE <u>4.5</u> HEIGHT OF OBJECT <u>0.0</u>



AS SHOWN PLAN BY: CHECK BY

PTH JMT



TITLE SHEET

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

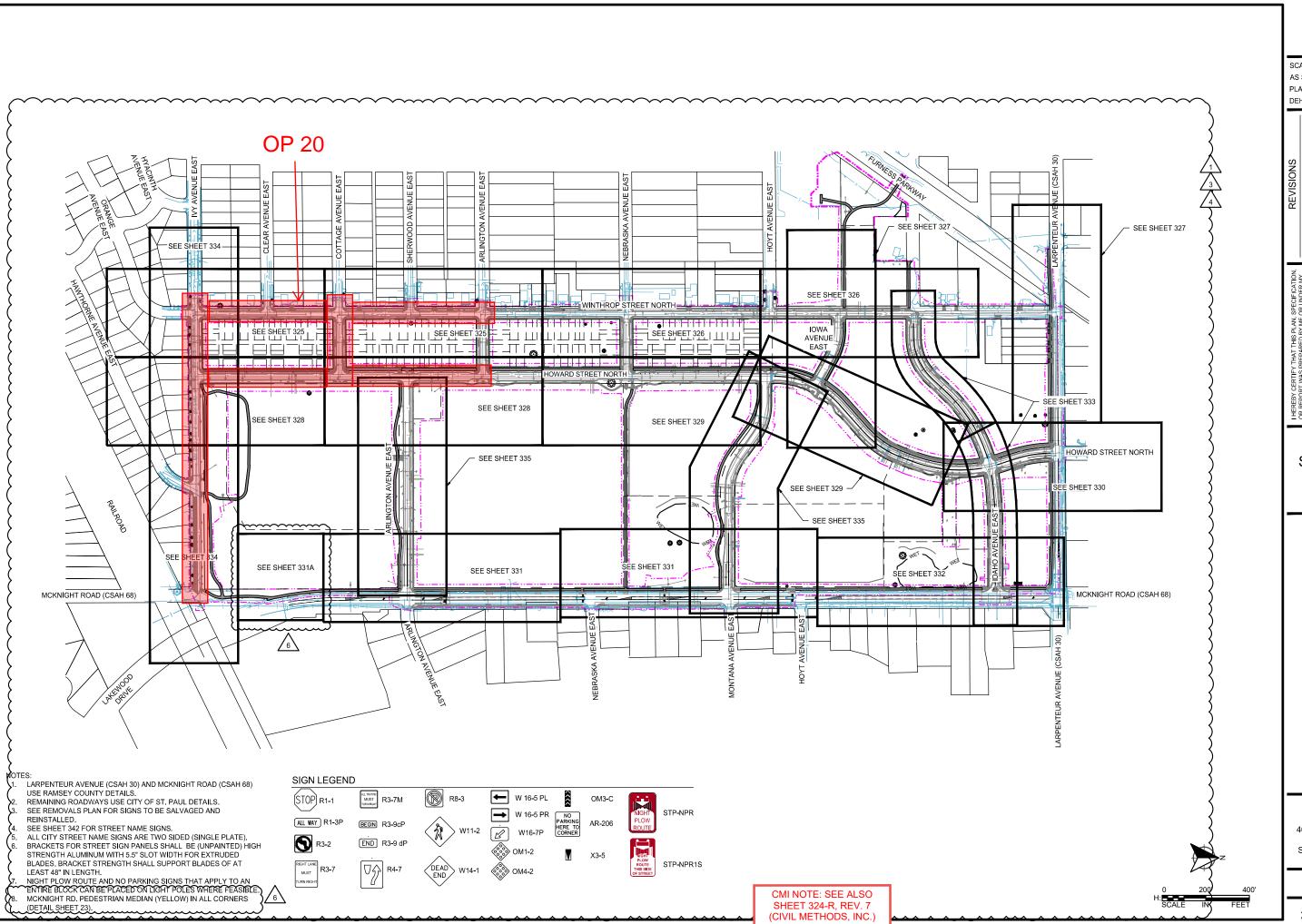
Saint Paul Port Authority

400 Wabasha Street North Suite 240

St Paul. Minnesota 55102 Phone 612-224-5686

> WSB PROJECT NO. 013987-000

> > of 451





AS SHOWN PJM PLAN BY: CHECK BY: PTH

OVERALL SIGNING AND **STRIPING PLAN**

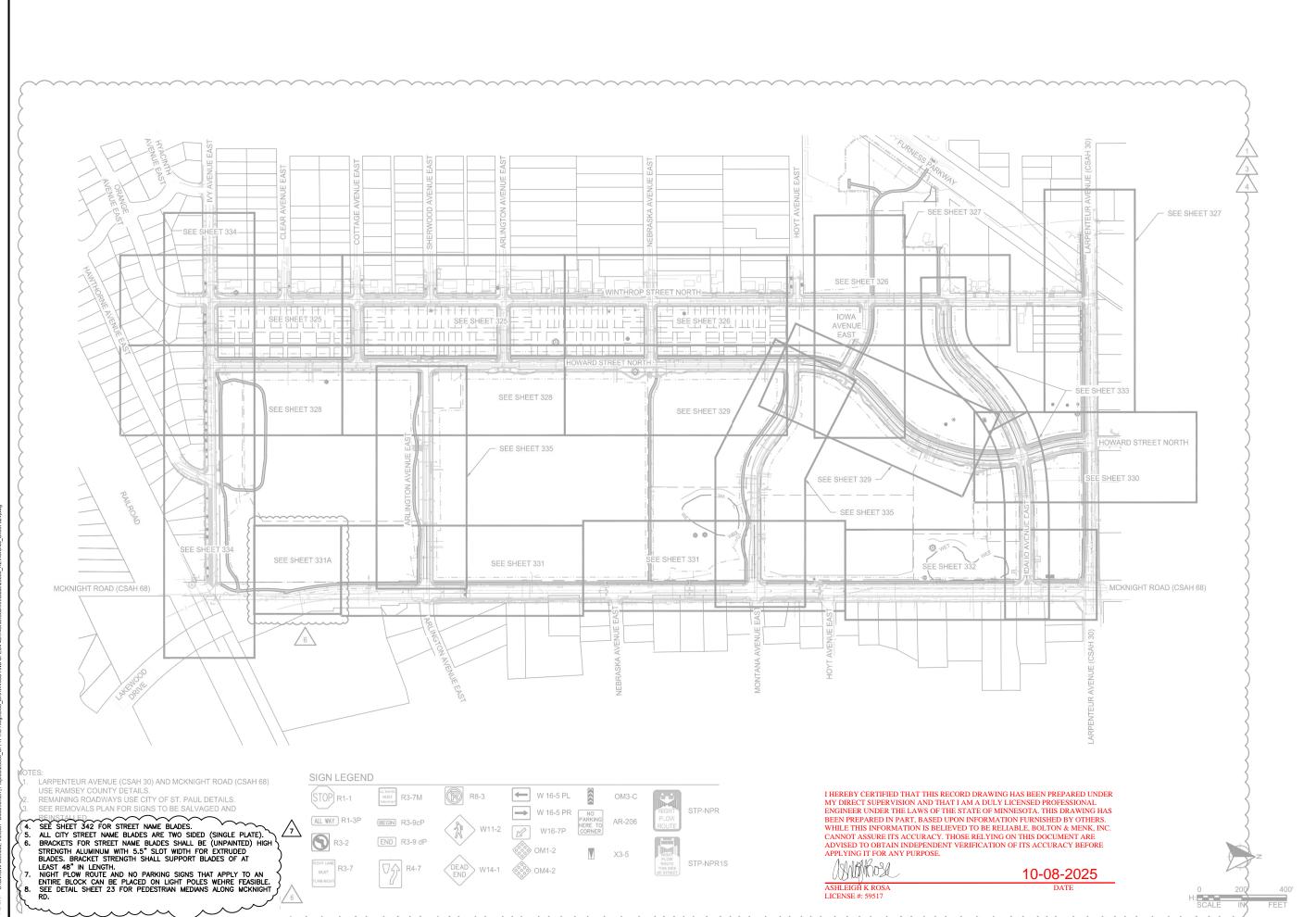
INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North

Suite 240 St Paul, Minnesota 55102 Phone 612-224-5686

> WSB PROJECT NO. 013987-000

of **451**



REVISION 7 DESCRIPTION:

* The base design (fladed background) is a copy of the corresponding sheet from The Heights Site Redevelopment, Revision 6, dated 09/23/2024 (Methods, Inc. applies only to the Revision 7 modifications shown on this sheet, done in resonance to comments from the City of St. Paul. Designed to the revision 7 modifications from the City of St. Paul.

Tree locations depicted in the base design at from Revision 6 and have since been update Refer to Landscape Plans by LHB for tree

COMMENT #'S ADDRESSED ON THIS SHI (SEE COMMENT LOG): 6-118, 6-129

NO.	DESCRIPTION	DATE
NO.	DESCRIPTION	DATE
7	Address Rev 6 Comments	7/31/2025

DESIGNED:

DRAWN: KEB

I HEREBY CERTIFY THAT THIS PLAN*, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

KENT E. BRANDER

DATE: 07-31-2025 LIC. #: 44578

CIVIL METHODS, INC.

St. Paul, MN 55128 PH:763.210.5713 www.civilmethods.c

Saint Paul
Port Authority
400 Wabasha St N
Ste 240
St. Paul, MN 55102

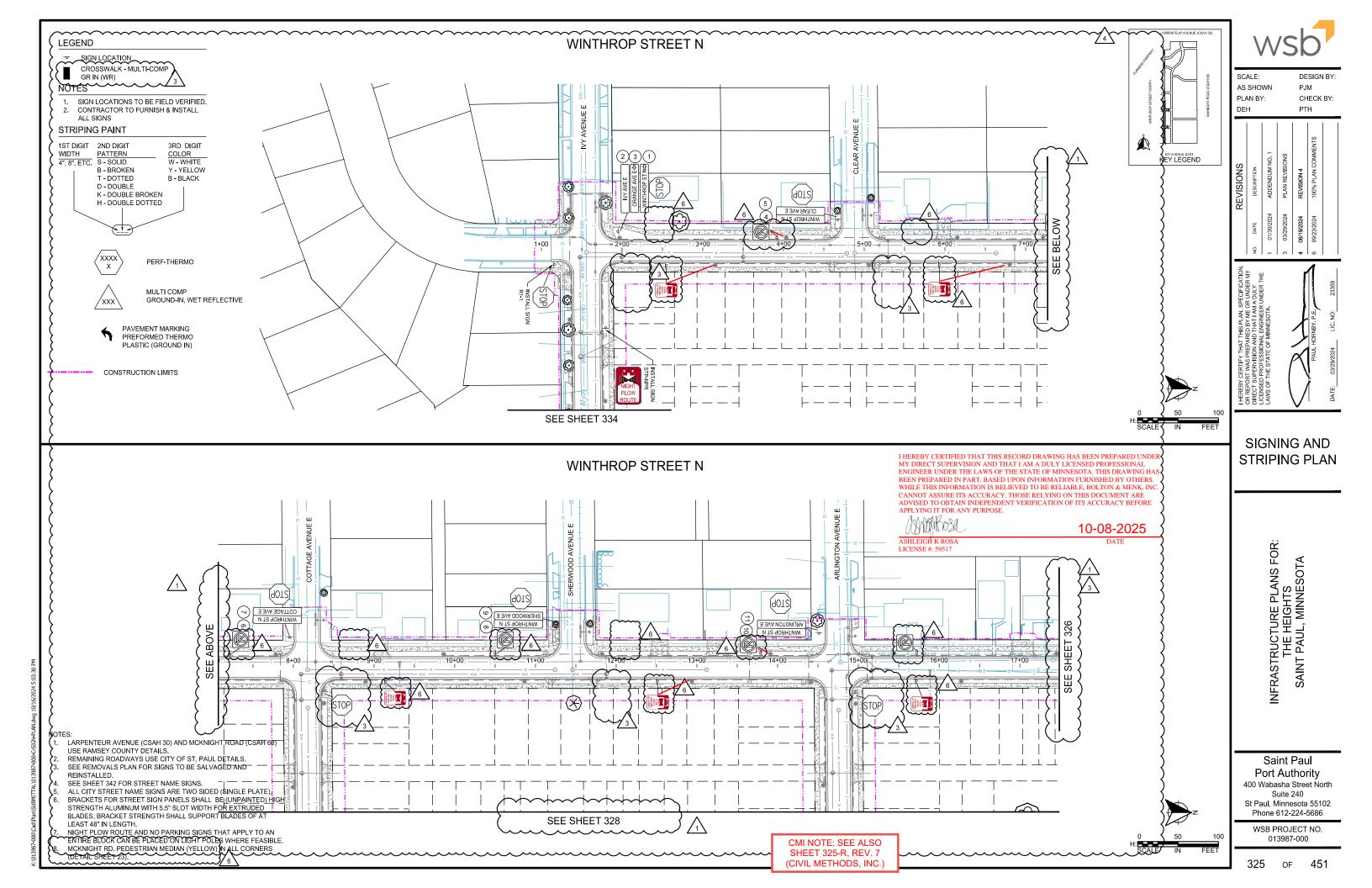
Phone 612-224-5686

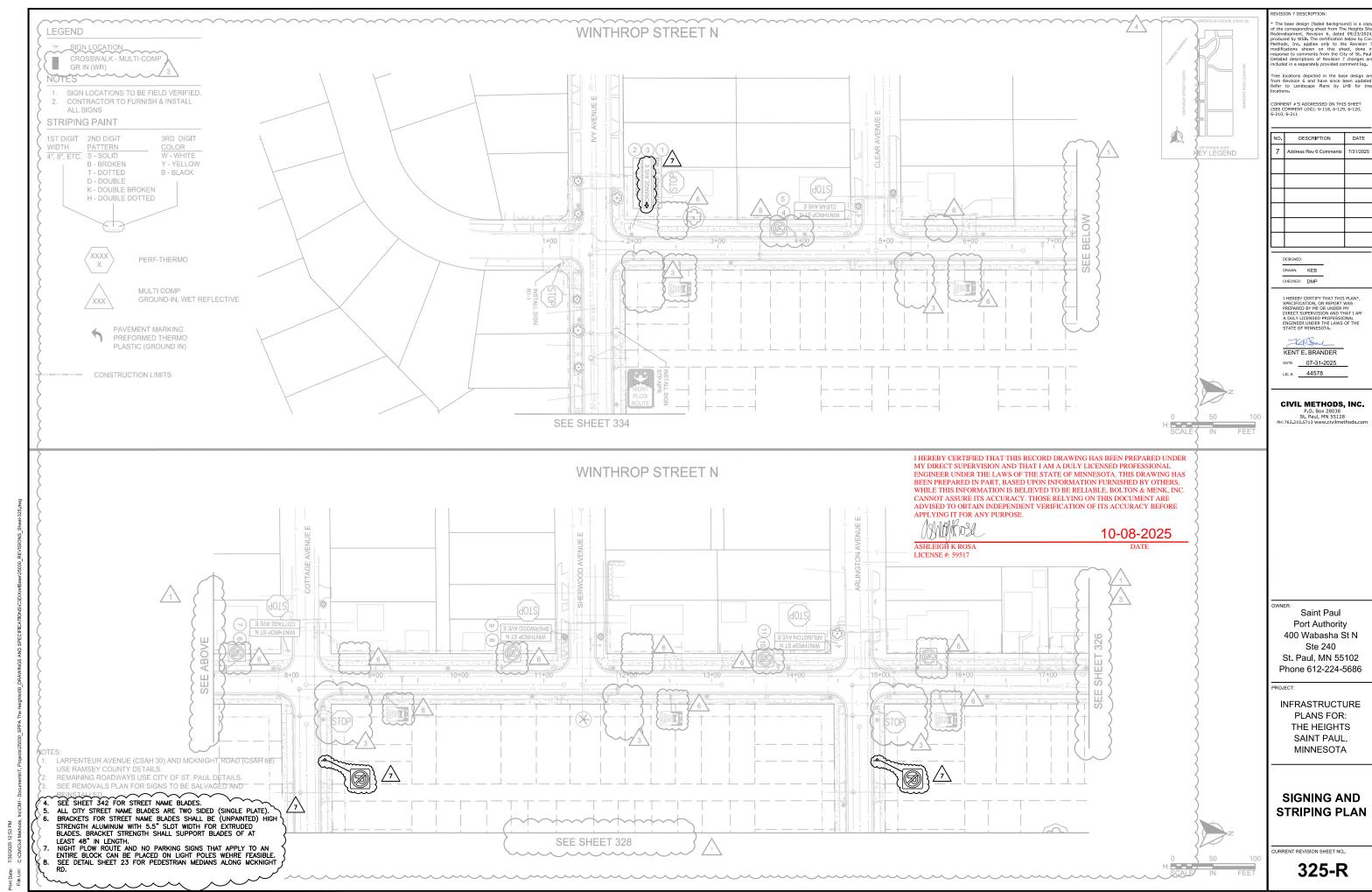
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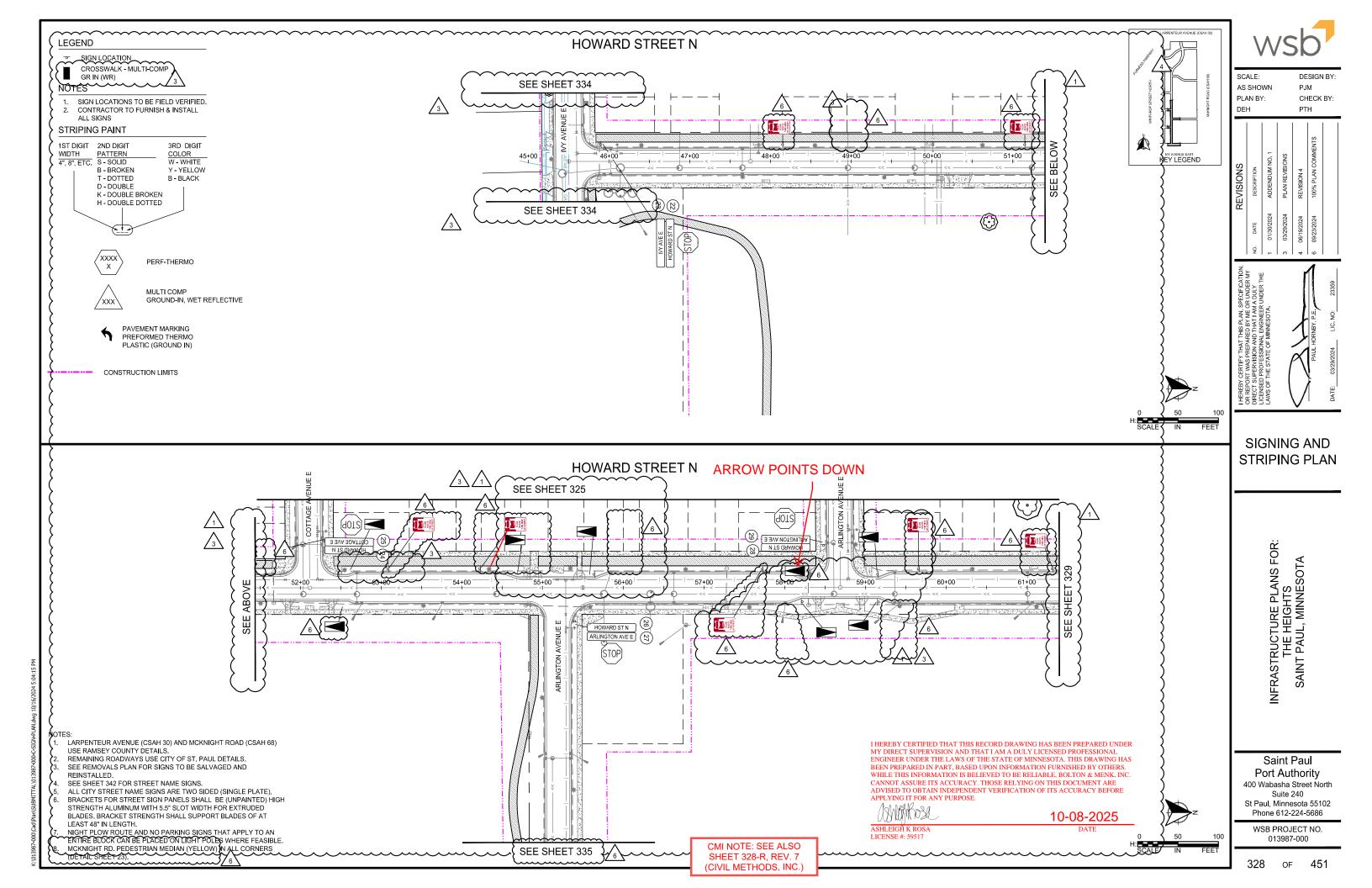
INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

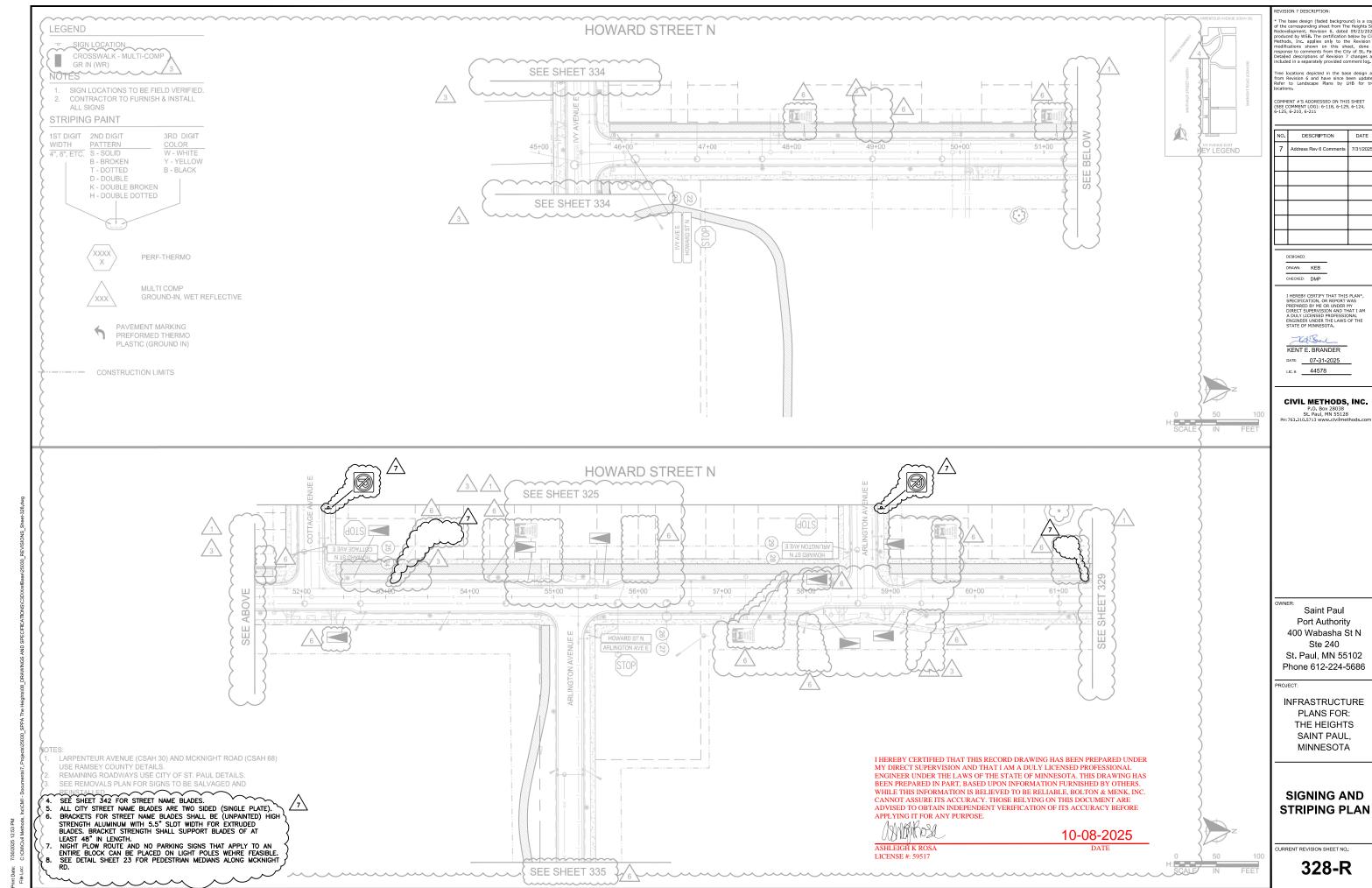
OVERALL SIGNING AND STRIPING PLAN

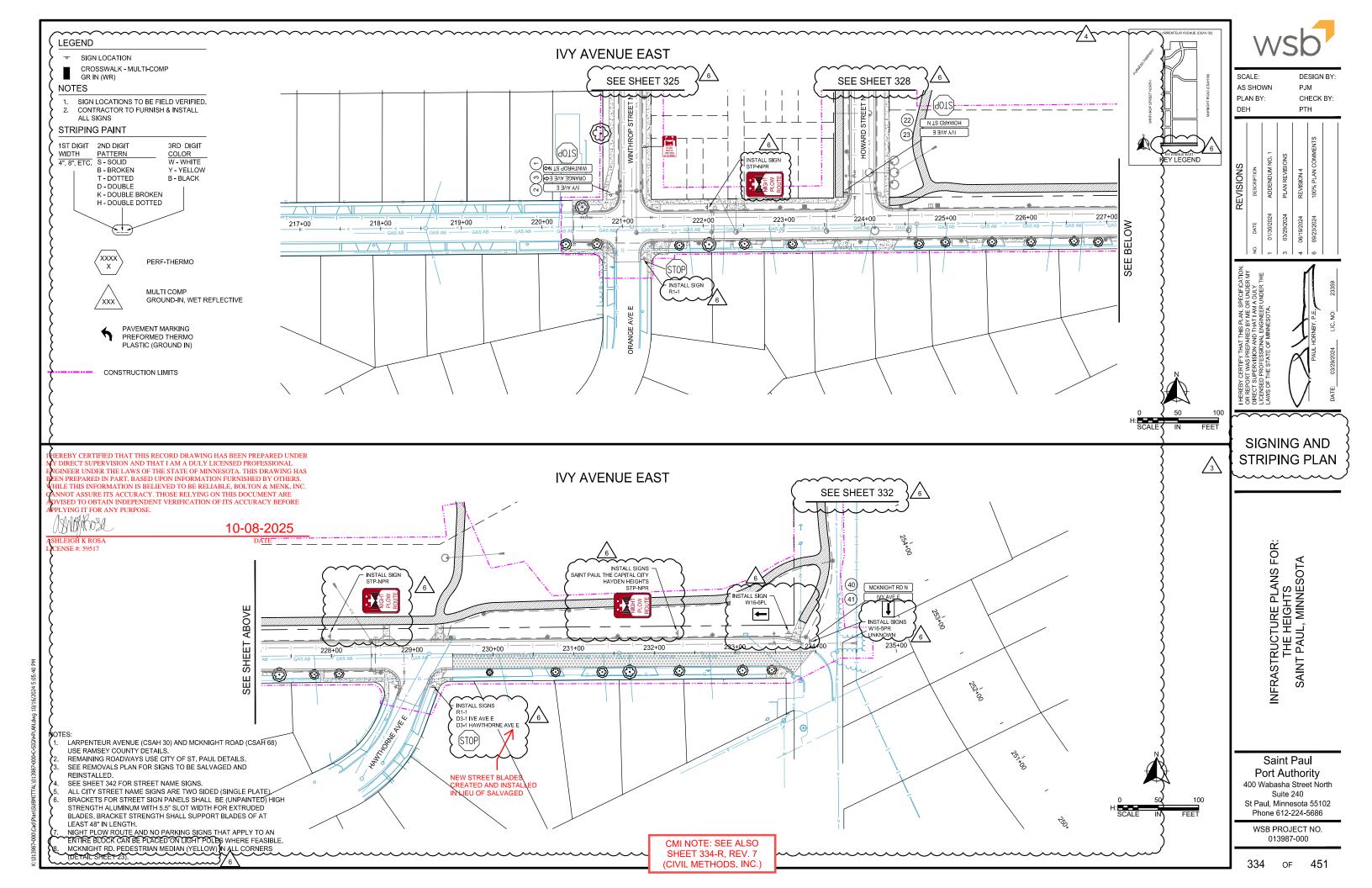
CURRENT REVISION SHEET NO.:

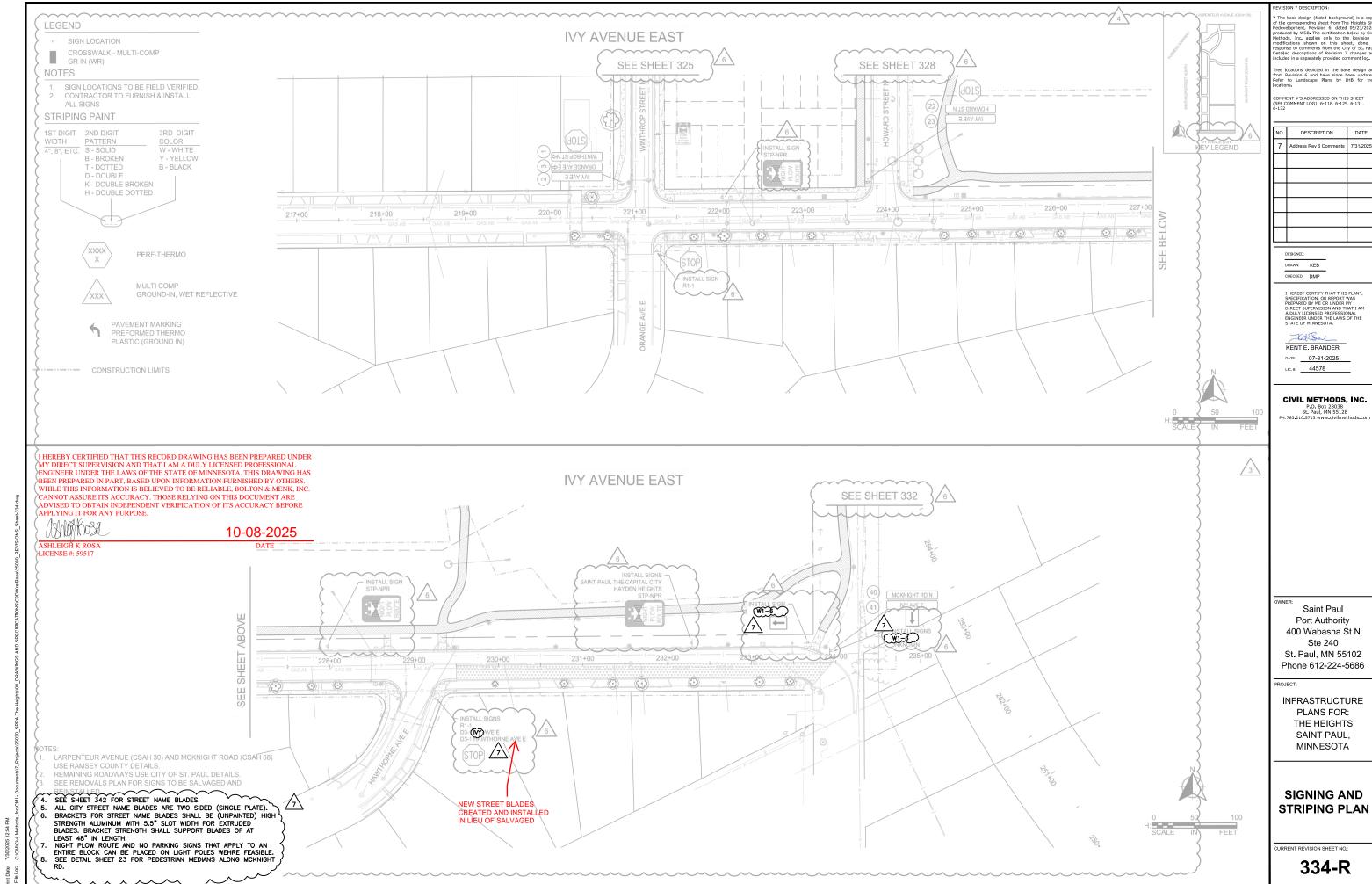












TYPICAL SIGN POST DETAIL SIGN PLACEMENT SIGN PANEL MOUNTING **GUIDELINES DETAILS** 8' 2LB/FT U-POSI RISER POST FASTEN WITH TWO 5/16" -STAINLESS STEEL OR ZINC STAINLESS STEEL WASHER COATED BOLTS 5/16" STAINLESS STEEL OR ZINC COATED NUTS & BOLTS FASTENED IN TOP RISER POST & BOTTOM HOLES OF SPLICE OVERLAP (12" OVERLAP MINIMÙM) **ROUND POST** 7' MIN. FASTEN WITH TWO 5/16" -STAINLESS STEEL OR ZINC COATED BOLTS STAINLESS STEEL WASHER STUB POST 6' 3LB/FT EMBEDMENT (3' MINIMUM) STUB POST -SIGN PANEL ROUND POST

1) MOUNTING HEIGHT OF OBJECT MARKERS AND DELINEATORS SHALL BE 4' UNLESS OTHERWISE NOTED.

2) MOUNTING HEIGHT OF X3-5 (SNOWPLOW MARKERS) MARKING CURB EXTENSIONS SHALL BE 3'.

3) MOUNTING HEIGHT OF OM3 MARKERS SHALL BE 1'.

-2.6-STP-NPR: 1.5" Radius. No border. Red on White:

−2.4 * 2.9 * 1.3 * 3 **−2.1** * 1.6 * 1.3 * 1.5" Radius, No border, Red on White;
"NIGHT", C; "PLOW", C; "ROUTE", C; "THIS SIDE", C;

"OF STREET", C;

I HEREBY CERTIFIED THAT THIS RECORD DRAWING HAS BEEN PREPARED UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. THIS DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, BOLTON & MENK, INC. CANNOT ASSURE ITS ACCURACY. THOSE RELYING ON THIS DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

14W#Ko24 LICENSE #: 59517

10-08-2025

CITY OF ST. PAUL SIGN PLACEMENT DETAILS

"NIGHT", C; "PLOW", C; "ROUTE", C;

CMI NOTE: SEE ALSO SHEET 338-R, REV. 7 (CIVIL METHODS, INC.)

AS SHOWN PLAN BY: CHECK BY: PJM JMT

SIGNING AND STRIPING **DETAILS**

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North

Suite 240 St Paul, Minnesota 55102 Phone 612-224-5686

> WSB PROJECT NO. 013987-000

338 OF 451

1

SIGN PLACEMENT SIGN PANEL MOUNTING TYPICAL SIGN POST DETAIL **GUIDELINES DETAILS** 8' 2LB/FT **U-POST** RISER POST FASTEN WITH TWO 5/16" STAINLESS STEEL -STAINLESS STEEL OR ZINC COATED BOLTS WASHER 5/16" STAINLESS STEEL -SIGN PANEL OR ZINC COATED NUTS & - BOLTS FASTENED IN TOP & BOTTOM HOLES OF SPLICE OVERLAP (12" MINIMÙM) **ROUND POST** 7' MIN. FASTEN WITH TWO 5/16" STAINLESS STEEL STAINLESS STEEL OR ZINC WASHER COATED BOLTS STUB POST 6' 3LB/FT EMBEDMENT STUB POST (3' MINIMUM) -SIGN PANEL

I HEREBY CERTIFIED THAT THIS RECORD DRAWING HAS BEEN PREPARED UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. THIS DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, BOLTON & MENK, INC. CANNOT ASSURE ITS ACCURACY. THOSE RELYING ON THIS DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

ASMAKOSA LICENSE #: 59517

10-08-2025

DRAWN: KEB
CHECKED: DMP

6

I HEREBY CERTIFY THAT THIS PLAN*, SPECIFICATION, OR REPORT WAS, PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DESCRIPTION

ress Rev 6 Comme

Ted Board KENT E. BRANDER

DATE: 07-31-2025 LIC.#: 44578

CIVIL METHODS, INC.

P.O. Box 28038 St. Paul, MN 55128 PH:763.210.5713 www.civilmeth

-

1.3

★

1.5" Radius, No border, Red on White; "NIGHT", C; "PLOW", C; "ROUTE", C; "THIS SIDE", C; "OF STREET", C;

-2.1-*-1.6-*-1.3-*

1) MOUNTING HEIGHT OF OBJECT MARKERS AND DELINEATORS SHALL BE 4' UNLESS OTHERWISE NOTED.

2) MOUNTING HEIGHT OF X3-5 (SNOWPLOW MARKERS) MARKING CURB EXTENSIONS SHALL BE 3'.

3) MOUNTING HEIGHT OF OM3 MARKERS SHALL BE 1'.

2.5 9.8 -2.1-12-R7-2A; STP-NPE: 1.5" Radius, 0.4" Border, 0.4" Indent, Red on White; 1.5" Radius, 0.4" Border, 0.4" Indent, Red on White; "BEGINS", B; "ENDS", B

NIGHT -2.9--2.6--26 STP-NPR

1.5" Radius, No border, Red on White; "NIGHT", C; "PLOW", C; "ROUTE", C;

SIGN PLACEMENT DETAILS

CITY OF ST. PAUL

Saint Paul Port Authority 400 Wabasha St N Ste 240 St. Paul, MN 55102 Phone 612-224-5686

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

SIGNING AND STRIPING **DETAILS**

CURRENT REVISION SHEET NO.:

 									
TYPE "C" SIGN TABULATION (FURNISH AND INSTALL)									
Mn/DOT SIGN NO.	QUANTITY	NOTES	POST LENGTH (FEET)	MOUNTING HEIGHT (FEET)	SIZE (INCHES)	SIZE EACH (SQ. FEET)	SIZE TOTAL (SQ. FEET)	LEGEND	
R1-1	25	1,2,3	14	7	36"X36"	9	225	STOP SIGN	
R1-3P	4	1,2,3	14	7	18"X6"	0.75	3	ALL WAY	
R3-2	1	1,2,3	13	7	24"X24"	4	4	MOVEMENT PROHIBITION LEFT	
R3-7	3	1,2,3	13.5	7	30"X30"	6.25	18.75	RIGHT LANE MUST TURN RIGHT	
R3-7M	1	1,2,3	13.5	7	30"X30"	6.2S	6.25	ALL TRAFFIC MUST TURN RIGHT	
R3-9CP	4	1,2,3	13	7	30"X12"	2.5	10	BEGIN	
R3-9DP	1	1,2,3	13	7	30"X12"	2.5	2.5	END	
R4-7	1	1,2,3	13.5	7	24"X30"	S	S	KEEP RIGHT	
R8-3	17	1,2,3	13	7	24"X24"	4	68	NO PARKING (SYMBOL)	
W11-2	4	1,2,3	13.5	7	30"X30"	6.25	25	PEDESTRIAN	
W16-SPL	1	1,2,3	12.5	7	24"X18"	3	3	SUPPLEMENTAL ARROW (LEFT)	
W16-SPR	1	1,2,3	12.5	7	24"X18"	3	3	SUPPLEMENTAL ARROW (RIGHT)	
W16-7PL	2	1,2,3	13.5	7	24"X12"	2	4	ARROW POINTING DOWN LEFT	
W16-7PR	2	1,2,3	13.5	7	24"X12"	2	4	ARROW POINTING DOWN RIGHT	
OM3-C	1	1,2,3	11	7	12"X36"	3	3	TYPE 3 OBJECT MARKER (CENTER)	
STP-NPR1S	24	1,2,3	12.5	7	18"X12"	1.5	36	ST. PAUL - NIGHT PLOW ROUTE THIS SIDE OF STREET	
X3-S	21	1,2	9	7	6"X12"	0.5	10.5	SNOW PLOW MARKER (RAISE BLADE)	
TOTAL	113						431		

TYPE "C" SIGN NOTE

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE POST, STABILIZER, AND ANCHOR, , BUT DO NOT INCLUDE ADDITIONAL LENGTH REQUIRED FOR SPLICE.
- 2. SEE STANDARD SIGNS MANUAL FOR PUNCHING CODE AND DETAILED DRAWINGS OF TYPE "C" SIGNS.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

TYPE "SPECIAL" SIGN TABULATION (FURNISH AND INSTALL)								
			POST	MOUNTING				
in/DOT SIGN NO.	QUANTITY	NOTES	LENGTH	HEIGHT	LEGEND			
			(FEET)	(FEET)				
D3-1	3	1,2,3	14	7	IVY AVE E			
D3-1	1	1,2,3	14	7	ORANGE AVE E			
D3-1	9	1,2,3	14	7	WINTHROP ST N			
D3-1	1	1,2,3	14	7	CLEAR AVE E			
D3-1	2	1,2,3	14	7	COTTAGE AVE E			
D3-1	1	1,2,3	14	7	SHERWOOD AVE E			
D3-1	4	1,2,3	14	7	ARLINGTON AVE E			
D3-1	2	1,2,3	14	7	NEBRASKA AVE E			
D3-1	1	1,2,3	14	7	HOYT AVE E			
D3-1	2	1,2,3	14	7	IOWA AVE E			
D3-1	3	1,2,3	14	7	IDAHO AVE E			
D3-1	9	1,2,3	14	7	HOWARD ST N			
D3-1	2	1,2,3	14	7	MONTANA AVE E			
D3-1	1	1,2,3	14	7	LARPENTEUR AVE E			
D3-1	4	1,2,3	14	7	MCKNIGHT RD N			
TOTAL	45							

TYPE "SPECIAL" SIGN NOTES:

1. POST LENGTHS ARE APPROXIMATE AND INCLUDE POST, STABILIZER, AND ANCHOR, , BUT DO NOT INCLUDE ADDITIONAL LENGTH REQUIRED FOR SPLICE.

INSTALL SIGN (SALVAGED)

- 2. SEE STANDARD SIGNS MANUAL FOR PUNCHING CODE AND DETAILED DRAWINGS OF TYPE "C" SIGNS.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

			INSTALL SIG	N (SALVAGED	D)
			POST	MOUNTING	
Mn/DOT SIGN NO.	QUANTITY	NOTES	LENGTH	HEIGHT	LEGEND
			(FEET)	(FEET)	
R1-1	6	1,2,3,4	14	7	STOP SIGN
R2-1 (4S)	3	1,2,3,4	13.5	7	SPEED LIMIT (4S MPH)
R3-9b	6	1,2,3	14	7	TWO-WAY LEFT TURN ONLY
R3-9dP	1	1,2,3	12.5	7	END
R3-17	2	1,2,3,4	12.5	7	BIKE LANE
R8-3	20	1,2,3,4	13	7	NO PARKING (SYMBOL)
W1-8R	4	1,2,3,4	13	7	CHEVRON ALIGNMENT (RIGHT)
W1-8L	4	1,2,3,4	13	7	CHEVRON ALIGNMENT (LEFT)
W11-2	13	1,2,3,4	13.5	7	PEDESTRIAN
W14-1	1	1,2,3,4	13.5	7	DEAD END
W16-SPL	1	1,2,3,4	12.5	7	SUPPLEMENTAL ARROW (LEFT)
W16-5PR	1	1,2,3,4	12.5	7	SUPPLEMENTAL ARROW (RIGHT)
W16-7PL	6	1,2,3,4	13.5	7	ARROW POINTING DOWN LEFT
W16-7PR	6	1,2,3,4	13.5	7	ARROW POINTING DOWN RIGHT
W16-9P	1	1,2,3,4	13.5	7	AHEAD
OM3-R	3	1,2,3,4	11	7	TYPE 3 OBJECT MARKER (RIGHT)
M1-6M (RC 68)	1	1,2,3,4	13	7	COUNTY ROUTE MARKER (RAMSEY COUNTY 68)
NO WAKE ZONE	4	1,2,3,4	13	7	NO WAKE ZONE
D3-1	4	1,2,3,4	12	7	STREET NAME SIGN
STP-NPR	3	1,2,3,4	12.5	7	ST. PAUL - NIGHT PLOW ROUTE
SAINT PAUL THE					
CAPITALCITY	1	1,2,3,4	14	7	SAINT PAUL THE CAPITAL CITY
HAYDEN HEIGHTS	1	1,2,3,4	14	7	HAYDEN HEIGHTS
NO PARKING 30					
FEET	1	1,2,3,4	13	7	NO PARKING 30 FEET
R8-3 MODIFIED	1	1,2,3,4	12.5	7	NO PARKING CORNER TO HERE
UNKNOWN	1	1,2,3,4	12.5	8	UNKNOWN SIGN
TOTAL	94				

SALVAGED AND REINSTALL SIGN NOTES:

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE EMBEDMENT.
- 2. SEE SIGN DETAILS IN PLAN SET.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

I HEREBY CERTIFIED THAT THIS RECORD DRAWING HAS BEEN PREPARED UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. THIS DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, BOLTON & MENK, INC. CANNOT ASSURE ITS ACCURACY. THOSE RELYING ON THIS DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

ASHLEIGH K ROSA LICENSE #: 59517

DATE

10-08-2025

CMI NOTE: SEE ALSO SHEET 341-R, REV. 7 (CIVIL METHODS, INC.) SIGNING TABULATIONS



SCALE: AS SHOWN

PLAN BY: CHECK BY: PJM JMT

	יצ	REVISIONS
Q	DATE	DESCRIPTION
m	03/29/2024	PLAN REVISIONS
4	06/19/2024	REVISION 4
9	09/23/2024	100% PLAN COMMENTS

SIGNING AND STRIPING DETAILS

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North

Suite 240 St Paul, Minnesota 55102 Phone 612-224-5686

WSB PROJECT NO. 013987-000

				TYPE "C" SIG	NTABULATION (F	URNISH AND	INSTALL)	
√n/DOT SIGN NO.	QUANTITY	NOTES	POST LENGTH (FEET)	MOUNTING HEIGHT (FEET)	SIZE (IN CHES)	SIZE EACH (SQ. FEET)	SIZE TOTAL (SQ. FEET)	LEGEND
R1-1	25	1,2,3	14	7	36"X36"	9	225	STOP SIGN
R1-3P	4	1,2,3	14	7	18"X6"	0.75	3	ALL WAY
R3-2	1	1,2,3	13	7	24"X24"	4	4	MOVEMENT PROHIBITION LEFT
R3-7	3	1,2,3	13.5	7	30"X30"	6.25	18.75	RIGHT LANE MUST TURN RIGHT
R3-7M	1	1,2,3	13.5	7	30"X30"	6.25	6.25	ALL TRAFFIC MUST TURN RIGHT
R3-9CP	4	1,2,3	13	7	30"X12"	2.5	10	BEGIN
R3-9DP	1	1,2,3	13	7	30"X12"	2.5	2.5	END
R4-7	1	1,2,3	13.5	7	24"X30"	S	S	KEEP RIGHT
R8-3	17	1,2,3	13	7	24"X24"	4	68	NO PARKING (SYMBOL)
7 W11-2	4	1,2,3	13.5	7	30"X30"	6.25	25	PEDESTRIAN
<u></u>	1	1,2,3	12.5	7	24"X18"	3	3	SUPPLEMENTAL ARROW (LEFT)
\ \w1-6 \}	1	1,2,3	12.5	7	24"X18"	3	3	SUPPLEMENTAL ARROW (RIGHT)
W1-6 } W16-7PL	2	1,2,3	13.5	7	24"X12"	2	4	ARROW POINTING DOWN LEFT
W16-7PR	2	1,2,3	13.5	7	24"X12"	2	4	ARROW POINTING DOWN RIGHT
OM3-C	1	1,2,3	11	7	12"X36"	3	3	TYPE 3 OBJECT MARKER (CENTER)
STP-NPR1S	24	1,2,3	12.5	7	18"X12"	1.5	36	ST. PAUL - NIGHT PLOW ROUTE THIS SIDE OF STREE
X3-S	21	1,2	9	7	6"X12"	0.5	10.5	SNOW PLOW MARKER (RAISE BLADE)
TOTAL	113						431	

TYPE "C" SIGN NOTES:

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE POST, STABILIZER, AND ANCHOR, , BUT DO NOT INCLUDE ADDITIONAL LENGTH REQUIRED FOR SPLICE.
- 2. SEE STANDARD SIGNS MANUAL FOR PUNCHING CODE AND DETAILED DRAWINGS OF TYPE "C" SIGNS.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

		TYPE "SPEC	IAL" SIGN TA	ABULATION (F	URNISH AND INSTALL)
			POST	MOUNTING	
Mn/DOT SIGN NO.	QUANTITY	NOTES	LENGTH	HEIGHT	LEGEND
			(FEET)	(FEET)	
D3-1	3	1,2,3	14	7	IVY AVE E
D3-1	1	1,2,3	14	7	ORANGE AVE E
D3-1	9	1,2,3	14	7	WINTHROP ST N
D3-1	1	1,2,3	14	7	CLEAR AVE E
D3-1	2	1,2,3	14	7	COTTAGE AVE E
D3-1	1	1,2,3	14	7	SHERWOOD AVE E
D3-1	4	1,2,3	14	7	ARLINGTON AVE E
D3-1	2	1,2,3	14	7	NEBRASKA AVE E
D3-1	1	1,2,3	14	7	HOYT AVE E
D3-1	2	1,2,3	14	7	IOWA AVE E
D3-1	3	1,2,3	14	7	IDAHO AVE E
D3-1	9	1,2,3	14	7	HOWARD ST N
D3-1	2	1,2,3	14	7	MONTANA AVE E
D3-1	1	1,2,3	14	7	LARPENTEUR AVE E
D3-1	4	1,2,3	14	7	MCKNIGHT RD N
TOTAL	45				

TYPE "SPECIAL" SIGN NOTES:

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE POST, STABILIZER, AND ANCHOR, , BUT DO NOT INCLUDE ADDITIONAL LENGTH REQUIRED FOR SPLICE.

			INSTALL SIG	SN (SALVAGED	0)
			POST	MOUNTING	
Mn/DOT SIGN NO.	QUANTITY	NOTES	LENGTH	HEIGHT	LEGEND
			(FEET)	(FEET)	
R1-1	6	1,2,3,4	14	7	STOP SIGN
R2-1 (4S)	3	1,2,3,4	13.5	7	SPEED LIMIT (4S MPH)
R3-9b	6	1,2,3	14	7	TWO-WAY LEFT TURN ONLY
R3-9dP	1	1,2,3	12.5	7	END
R3-17	2	1,2,3,4	12.5	7	BIKE LANE
R8-3	20	1,2,3,4	13	7	NO PARKING (SYMBOL)
W1-8R	4	1,2,3,4	13	7	CHEVRON ALIGNMENT (RIGHT)
W1-8L	4	1,2,3,4	13	7	CHEVRON ALIGNMENT (LEFT)
W11-2	13	1,2,3,4	13.5	7	PEDESTRIAN
W14-1	1	1,2,3,4	13.5	7	DEAD END
W1-6	1	1,2,3,4	12.5	7	SUPPLEMENTAL ARROW (LEFT)
\ W1-6 \	1	1,2,3,4	12.5	7	SUPPLEMENTAL ARROW (RIGHT)
W16-7PL	6	1,2,3,4	13.5	7	ARROW POINTING DOWN LEFT
W16-7PR	6	1,2,3,4	13.5	7	ARROW POINTING DOWN RIGHT
W16-9P	1	1,2,3,4	13.5	7	AHEAD
OM3-R	3	1,2,3,4	11	7	TYPE 3 OBJECT MARKER (RIGHT)
M1-6M (RC 68)	1	1,2,3,4	13	7	COUNTY ROUTE MARKER (RAMSEY COUNTY 68)
NO WAKE ZONE	4	1,2,3,4	13	7	NO WAKE ZONE
D3-1	4	1,2,3,4	12	7	STREET NAME SIGN
STP-NPR	3	1,2,3,4	12.5	7	ST. PAUL - NIGHT PLOW ROUTE
SAINT PAUL THE					
CAPITAL CITY	1	1,2,3,4	14	7	SAINT PAUL THE CAPITAL CITY
HAYDEN HEIGHTS	1	1,2,3,4	14	7	HAYDEN HEIGHTS
NO PARKING 30					
FEET	1	1,2,3,4	13	7	NO PARKING 30 FEET
R8-3 MODIFIED	1	1,2,3,4	12.5	7	NO PARKING CORNER TO HERE
UNKNOWN	1	1,2,3,4	12.5	8	UNKNOWN SIGN
TOTAL	94				

SALVAGED AND REINSTALL SIGN NOTES:

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE EMBEDMENT.
- 2. SEE SIGN DETAILS IN PLAN SET.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

- 2. SEE STANDARD SIGNS MANUAL FOR PUNCHING CODE AND DETAILED DRAWINGS OF TYPE "C" SIGNS.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

I HEREBY CERTIFIED THAT THIS RECORD DRAWING HAS BEEN PREPARED UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL MI DIRECT SUPERVISION AND THAT I AM A DULT ELECISED PROPESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. THIS DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, BOLTON & MENK, INC. CANNOT ASSURE ITS ACCURACY. THOSE RELYING ON THIS DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.

NO.	DESCRIPTION	DATE
7	Address Rev 6 Comments	7/31/2025

Tod Board KENT E. BRANDER

DATE: 07-31-2025 ыс.*и*: 44578

CIVIL METHODS, INC.

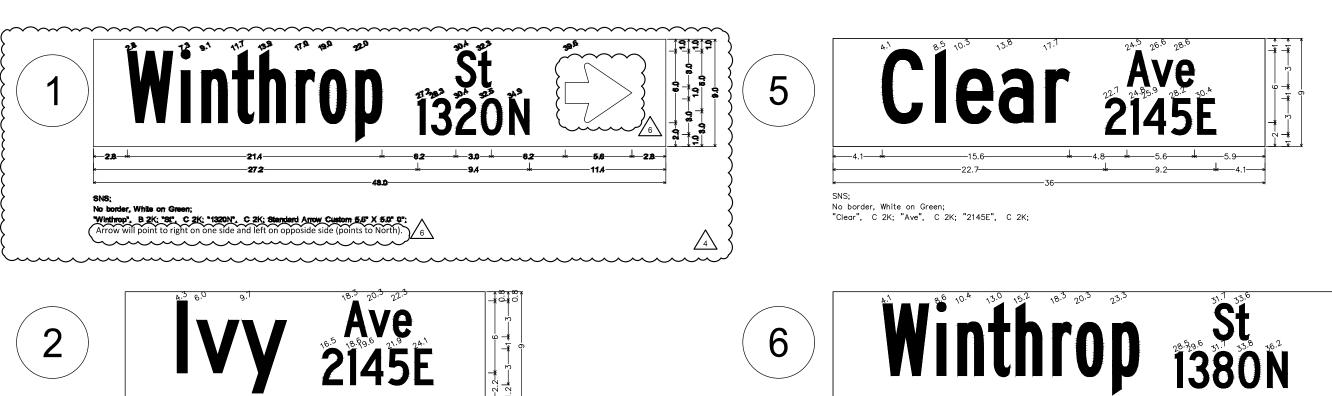
Saint Paul Port Authority 400 Wabasha St N

St. Paul, MN 55102 Phone 612-224-5686

Ste 240

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

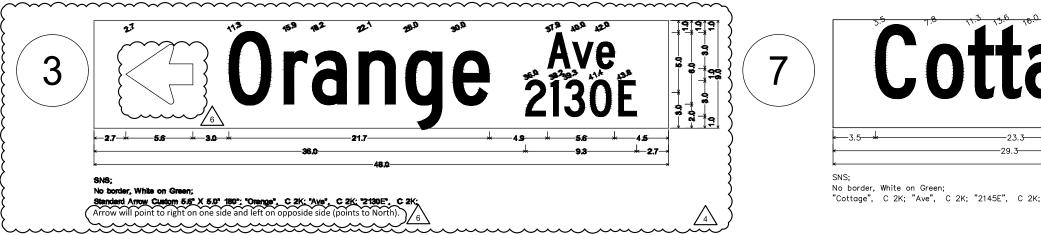
SIGNING AND STRIPING **DETAILS**

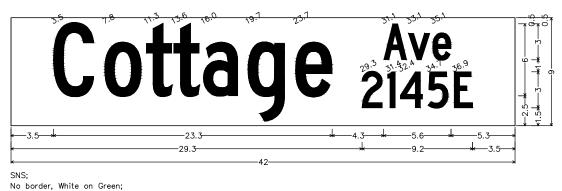




CMI NOTE: SEE ALSO SHEET 342-R, REV. 7

(CIVIL METHODS, INC.

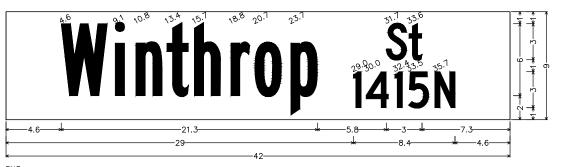






No border, White on Green;

"Winthrop", B 2K; "St", C 2K; "1350N", C 2K;



No border, White on Green; "Winthrop", B 2K; "St", C 2K; "1415N", C 2K;

Saint Paul Port Authority 400 Wabasha Street North Suite 240 St Paul, Minnesota 55102

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

SIGNING AND **STRIPING DETAILS**

AS SHOWN

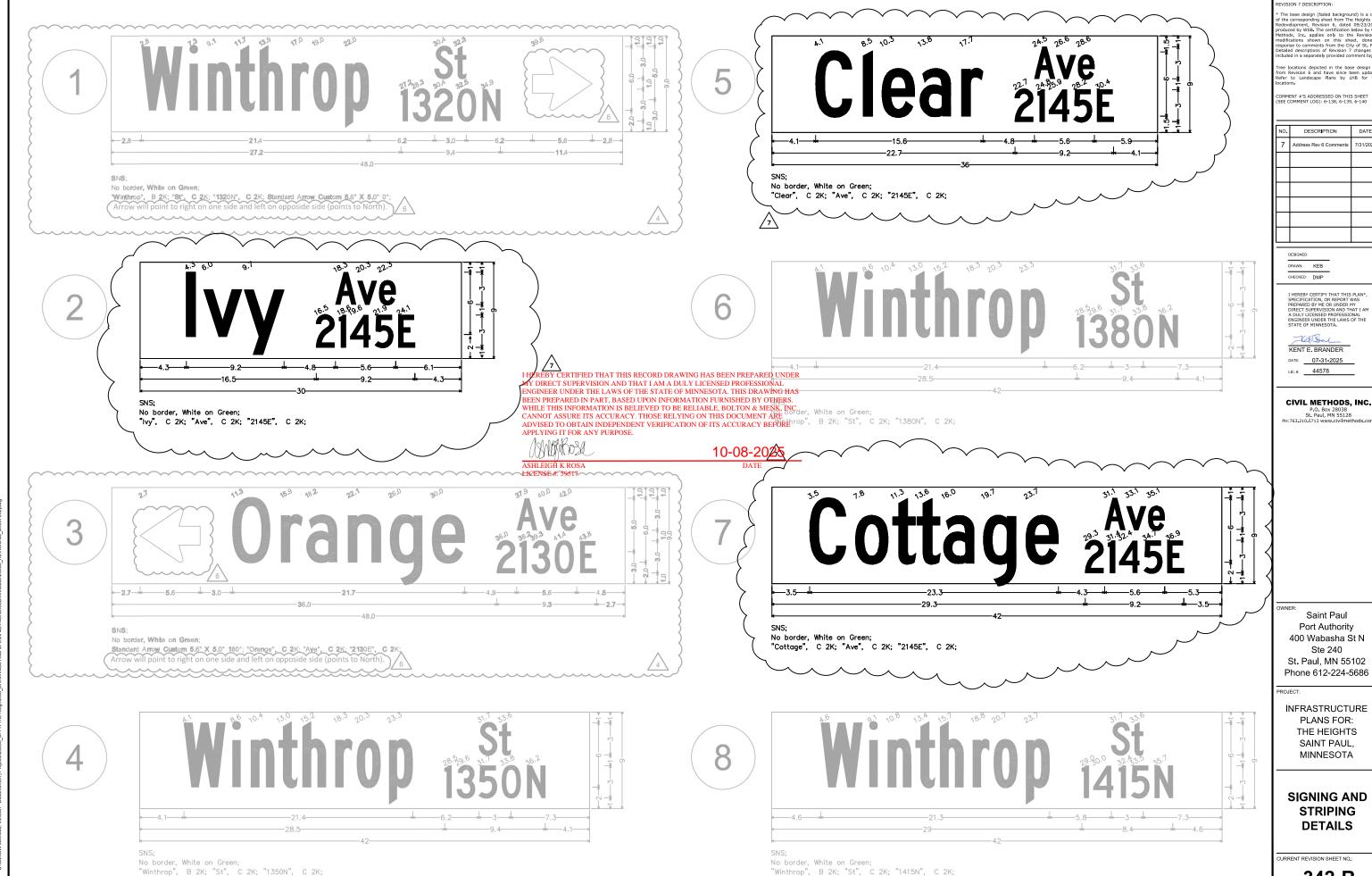
PLAN BY:

P.IM

CHECK BY:

Phone 612-224-5686 WSB PROJECT NO. 013987-000

OF





AS SHOWN P.IM PLAN BY: CHECK BY:

SIGNING AND **STRIPING DETAILS**

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

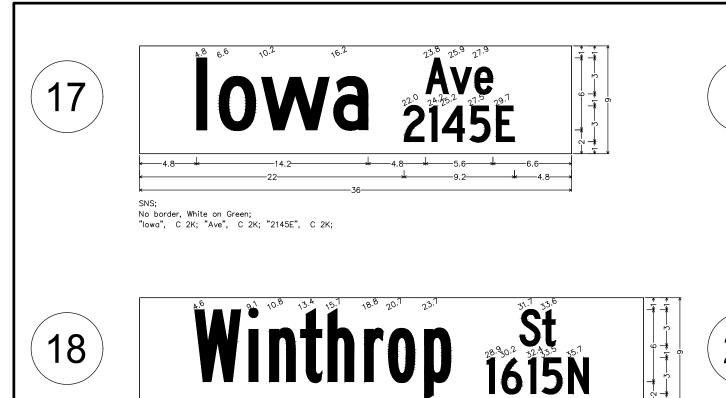
Saint Paul Port Authority 400 Wabasha Street North Suite 240 St Paul, Minnesota 55102

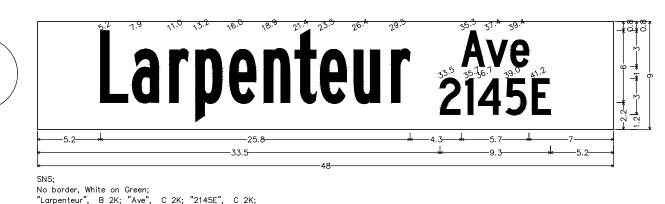
WSB PROJECT NO.

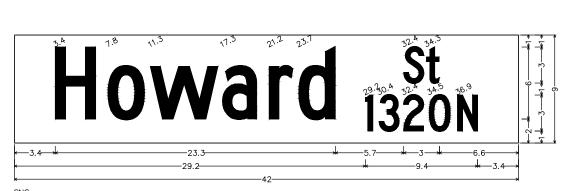
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OF

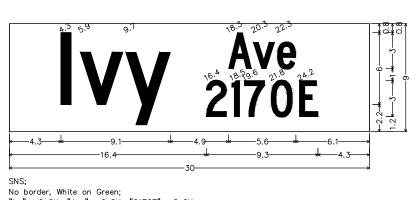




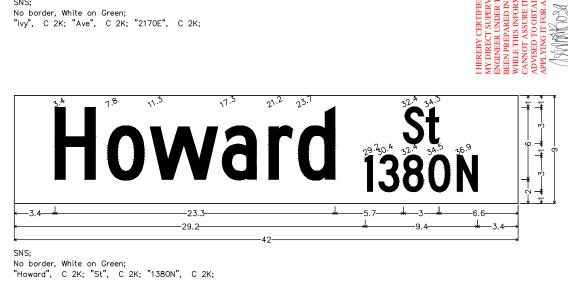


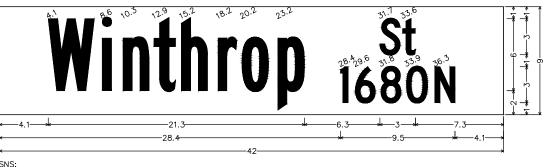


No border, White on Green; "Howard", C 2K; "St", C 2K; "1320N", C 2K;



10-08-2025





CMI NOTE: SEE ALSO SHEET 344-R, REV. 7 (CIVIL METHODS, INC.)

P.IM CHECK BY: PTH

AS SHOWN PLAN BY: DEH

REVISIONS

SIGNING AND **STRIPING DETAILS**

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North Suite 240 St Paul, Minnesota 55102 Phone 612-224-5686

> WSB PROJECT NO. 013987-000

OF

No border, White on Green;

No border, White on Green;

"Idaho", C 2K; "Ave", C 2K; "2145E", C 2K;

"Winthrop", B 2K; "St", C 2K; "1615N", C 2K;

1daho

No border, White on Green; "Winthrop", B 2K; "St", C 2K; "1680N", C 2K;





KENT E. BRANDER

DATE: 07-31-2025 LIC. #: 44578

CIVIL METHODS, INC.

Saint Paul Port Authority 400 Wabasha St N Ste 240 St. Paul, MN 55102

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

> **SIGNING AND STRIPING DETAILS**



SHEET 345-R, REV. 7

(CIVIL METHODS, INC.

AS SHOWN P.IM PLAN BY CHECK BY

РТН REVISIONS

SIGNING AND **STRIPING DETAILS**

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

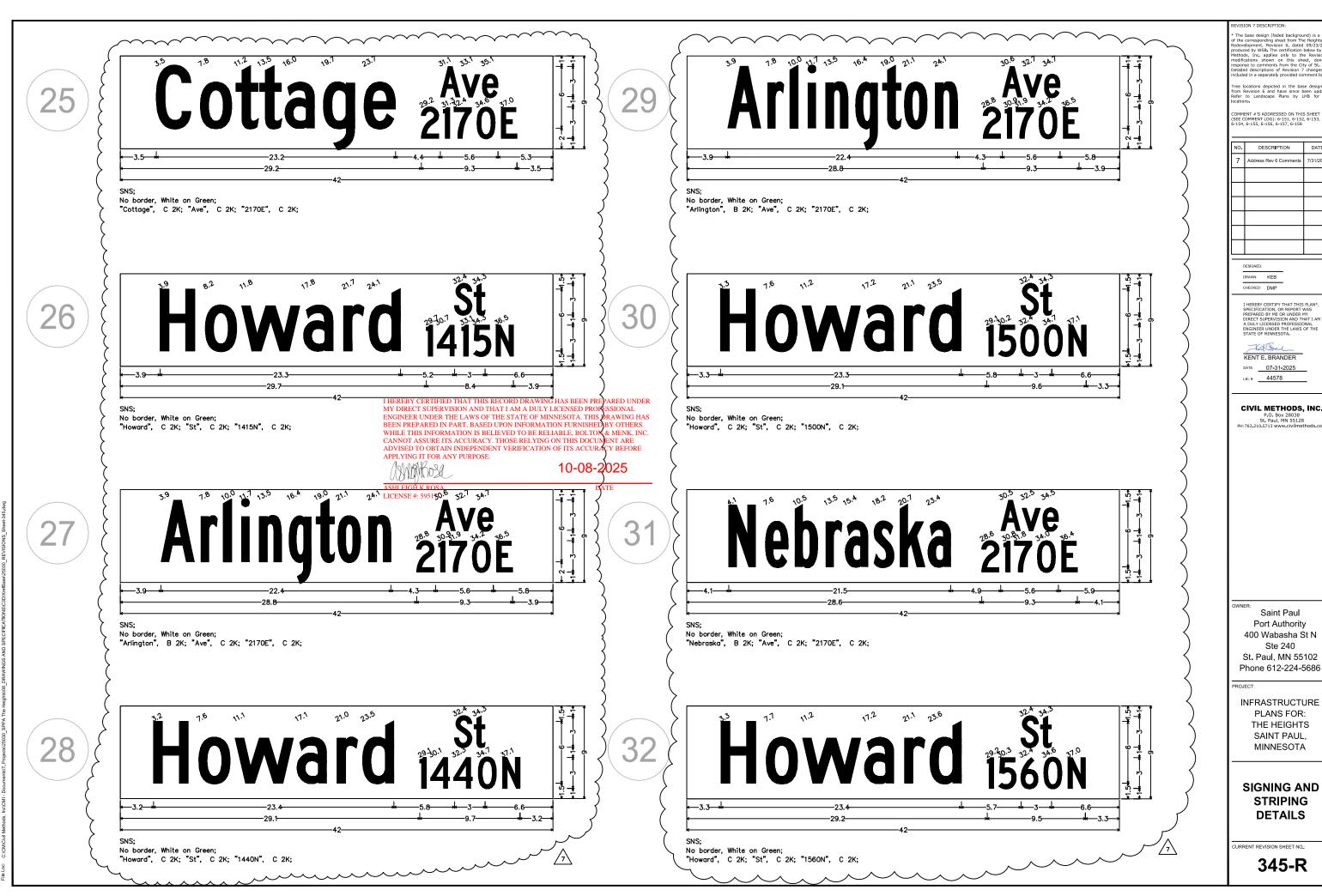
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013987-000

OF



345-R

STRIPING DETAILS

Saint Paul Port Authority

Ste 240

PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

ATE: 07-31-2025



AS SHOWN P.IM

PLAN BY: CHECK BY:

SIGNING AND **STRIPING DETAILS**

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North Suite 240 St Paul, Minnesota 55102

WSB PROJECT NO.

013987-000

of **451**



NO.	DESCRIPTION	DATE
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KENT E BRANDER

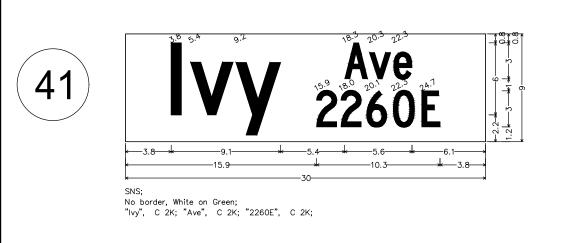
DATE: 07-31-2025 LIC. #: 44578

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Saint Paul Port Authority 400 Wabasha St N Ste 240 St. Paul, MN 55102

PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

SIGNING AND **STRIPING DETAILS**



Montana 22500

No border, White on Green; "Montana", B 2K; "Ave", C 2K; "2260E", C 2K;

McKnight Rd 1415N -29.5-



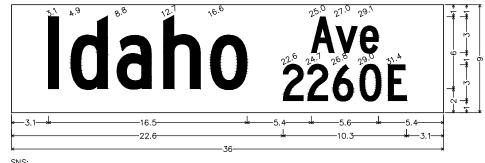
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No border, White on Green;

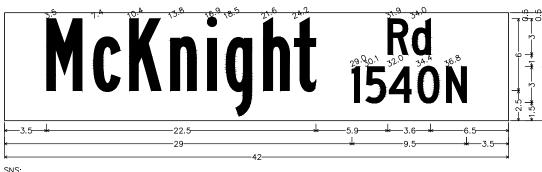
"McKnight", B 2K; "Rd", C 2K; "1415N", C 2K;

43





No border, White on Green; "ldaho", C 2K; "Ave", C 2K; "2260E", C 2K;



No border, White on Green; "McKnight", B 2K; "Rd", C 2K; "1540N", C 2K;

"Arlington", B 2K; "Ave", C 2K; "2260E", C 2K;

I HEREBY CERTIFIED THAT THIS RECORD DRAWING HAS BEEN PREPARED UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. THIS DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, BOLTON & MENK, INC CANNOT ASSURE ITS ACCURACY THOSE RELYING ON THIS DOCUMENT ARE APPLYING IT FOR ANY PURPOSE

10-08-2025

CMI NOTE: SEE ALSO SHEET 347-R. REV. 7 (CIVIL METHODS, INC.

AS SHOWN P.IM PLAN BY: CHECK BY:

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SIGNING AND **STRIPING DETAILS**

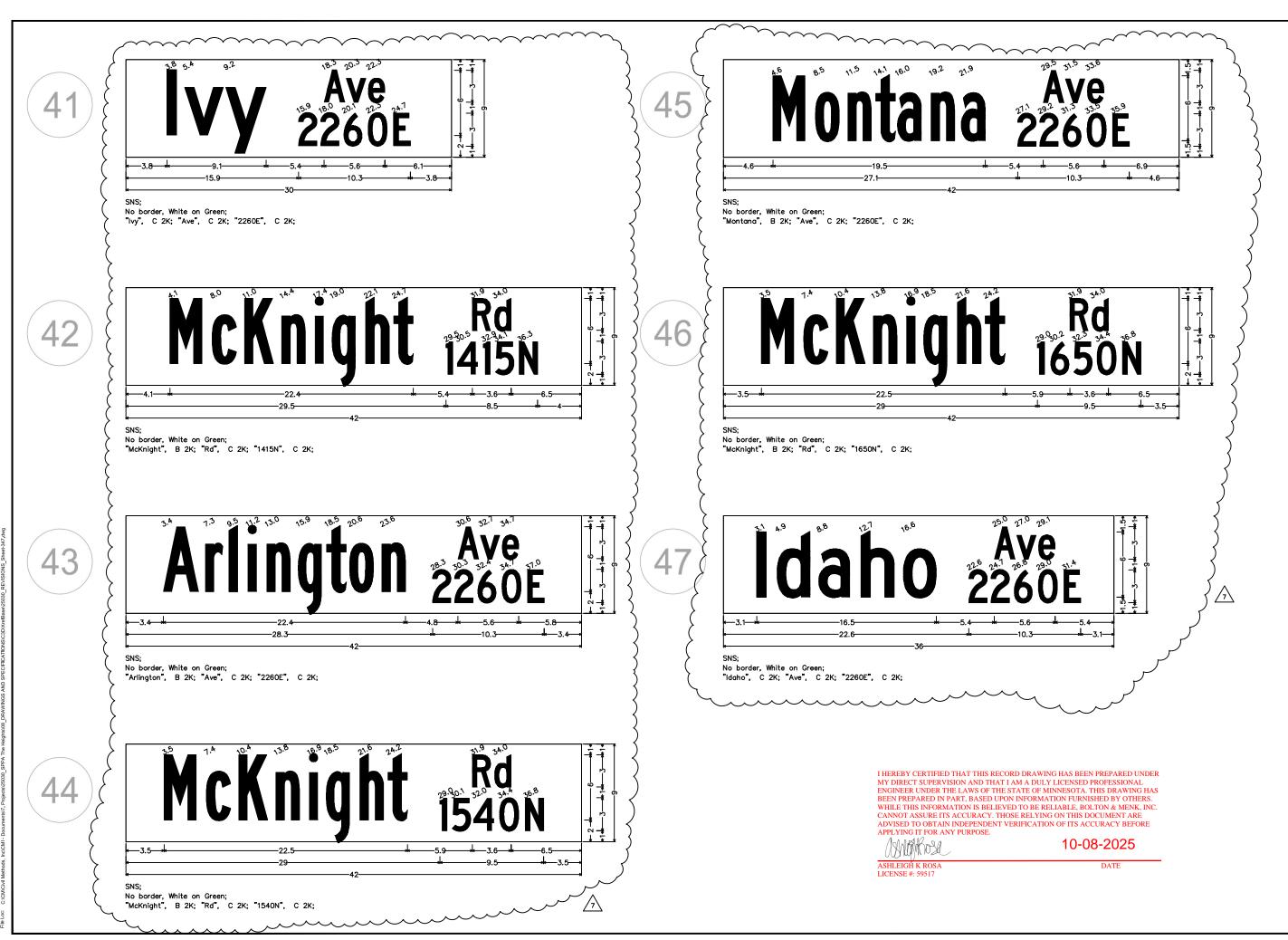
INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North Suite 240

St Paul, Minnesota 55102 Phone 612-224-5686

> WSB PROJECT NO. 013987-000

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DRAWN: KEB

KENT E. BRANDER

DATE: 07-31-2025 LIC. #: 44578

CIVIL METHODS, INC. P.O. Box 28038 St. Paul, MN 55128

Saint Paul Port Authority 400 Wabasha St N Ste 240 St. Paul, MN 55102

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Phone 612-224-5686

SIGNING AND STRIPING **DETAILS**

Ashleigh Rosa

From: HunWen Westman < HunWen.Westman@ci.stpaul.mn.us>

Sent: Tuesday, September 23, 2025 6:02 PM

To: Ashleigh Rosa

Cc: Kristine Williams; David Kuebler; Ryan Lowry
Subject: RE: SPPA - The Heights - Street Sign Submittal

*** WARNING: This email is from outside the company. Proceed with Caution***

We don't need to join you for the punchlist inspection, but we would like the opportunity to swing through after you all think it's ready, before we accept the facility. Don't hesitate to reach out if you're not clear on whether something is acceptable/correct.

Our expectation is that you'll be doing a thorough review (against plans and using general engineering judgement) so if we go through later, it'll just be a cursory look, an additional set of eyes.

Thanks,

HunWen Westman, P.E.

P: 651.266.6174 | F: 651.298.4559

From: Ashleigh Rosa < Ashleigh. Rosa @bolton-menk.com >

Sent: Tuesday, September 23, 2025 1:30 PM

To: HunWen Westman < HunWen. Westman@ci.stpaul.mn.us>

Cc: Kristine Williams <kmw@sppa.com>; David Kuebler <david.kuebler@ci.stpaul.mn.us>; Ryan Lowry

<ryan.lowry@ci.stpaul.mn.us>

Subject: RE: SPPA - The Heights - Street Sign Submittal

Think Before You Click: This email originated outside our organization.

Great! Thank you for your review.

We have our contractor set up to install the signs October 2nd. We will review against the plans and create a punchlist for any items needed – would you want anyone from traffic with us to review the installation for the punchlist? Thank you!



Ashleigh Rosa, PE (MN)
Transportation Construction Manager | Associate
Bolton & Menk, Inc.

(763) 516-1558

From: HunWen Westman < HunWen.Westman@ci.stpaul.mn.us>

Sent: Tuesday, September 23, 2025 12:58 PM

To: Ashleigh Rosa < Ashleigh.Rosa@bolton-menk.com>

Cc: Kristine Williams kmw@sppa.com; David Kuebler david.kuebler@ci.stpaul.mn.us; Ryan Lowry

<ryan.lowry@ci.stpaul.mn.us>

Subject: RE: SPPA - The Heights - Street Sign Submittal

*** WARNING: This email is from outside the company. Proceed with Caution***

Hi, Ashleigh -

Thanks for reviewing. Since you've checked all the numbers/text, I did just a quick scan and added a comment about the spacing on the two Iowa Ave panels. Not a big deal, and it looks like they designed per plan, but I think the horizontal spacing could be a little better.

Thanks!

HunWen Westman, P.E.

P: 651.266.6174 | F: 651.298.4559

From: Ashleigh Rosa < Ashleigh.Rosa@bolton-menk.com >

Sent: Monday, September 22, 2025 5:20 PM

To: HunWen Westman < HunWen. Westman@ci.stpaul.mn.us>

Cc: Kristine Williams < kmw@sppa.com; David Kuebler < david.kuebler@ci.stpaul.mn.us; Ryan Lowry

<ryan.lowry@ci.stpaul.mn.us>

Subject: SPPA - The Heights - Street Sign Submittal

Think Before You Click: This email originated outside our organization.

Hi HunWen,

We have received the attached submittal from our contractor for the street signs on the SPPA Heights project. I've reviewed them for conformance to the plans and with only the exceptions that I've noted on page 2 for the Winthrop signs. Please let me know if you have any other comments on these signs. I've also reviewed these against any comments from the Revision 07 submittal (attached) and do not see any outstanding items on the street signs. Thank you,



Real People. Real Solutions.



Ashleigh Rosa, PE (MN)

Transportation Construction Manager | Associate **Bolton & Menk, Inc.**

9 111 Washington Ave S Suite 650, Minneapolis, Minnesota, 55401

% (952) 299-0431

(763) 516-1558

<u>ashleigh.rosa@bolton-menk.com</u>

www.Bolton-Menk.com









From: Andy Sprado <andy@decmn.com>
Sent: Monday, September 22, 2025 10:52 AM

To: Ashleigh Rosa < Ashleigh.Rosa@bolton-menk.com>

Subject: Heights - Street Sign Submittal

*** WARNING: This email is from outside the company. Proceed with Caution***

Good morning,

Attached are the street sign submittals for this project.

Thank you,



Andy Sprado

Sr. Project Manager

Cell: 651-331-8901

Office: 763-434-4131

andy@decmn.com
www.DECMN.com

1282 187th Ln NE | East Bethel, MN 55011

SAINT PAUL The Most Livable City in America

CITY OF ST PAUL

Department of Public Works 25 West 4th Street 1500 City Hall Annex Saint Paul, MN 55102

ORDINANCE PERMIT

	OFFICE USE ONLY
Application	No
Application	Date
SPR File #_	
Permit No.	

and in a marine				
Type of Permit:				
□01 Roadway □02 Sidewalk		□04 Storm Sewer □05 Storm Sewer		□07 Sanitary Sewer Special □08 Retaining Wall
□ 03 Traffic Appurtenances Inclu	iding Signals.	□06 Sanitary Sewe		□09 Bridge
Lighting, EV Infrastructure, S		_00 2		_ o Bridge
Phase:	Location (Street	On, From/To, and A	Adjacent Lots/Blocks):	
Description of Work: [Include the	description prov	ided in the normit an	nlication and all subsequent amo	ondments or revisions which are
hereby incorporated by reference.		aea in ine permii ap	pucanon ana an subsequem ame	numents of revisions, which are
Applicant Contact Person:	Contact Person	Title:	Contact Person Telephone:	Contact Person Email:
Bond Co.:			Bond Amount:	Bond No.:
Insurance Co.:			Insurance Certificate No.:	
Permit Conditions:				
		1 (.1	1 1 . 1	
nis permit is issuea with the sti	pulation that the	e work of the berm	uttee ana relatea agents, emp	plovees and contractors shall conform

This permit is issued with the stipulation that the work of the permittee and related agents, employees and contractors shall conform in all respects to the City of Saint Paul Department of Public Works Ordinance Permit Process Document and the Department of Public Works List of Applicable Standards & Specifications. The permit shall be available for display at the site referred to herein and shown to any Police Officer or Inspector upon demand and does not authorize or allow for interference with the work of any Contract made or to be made with the City of Saint Paul.

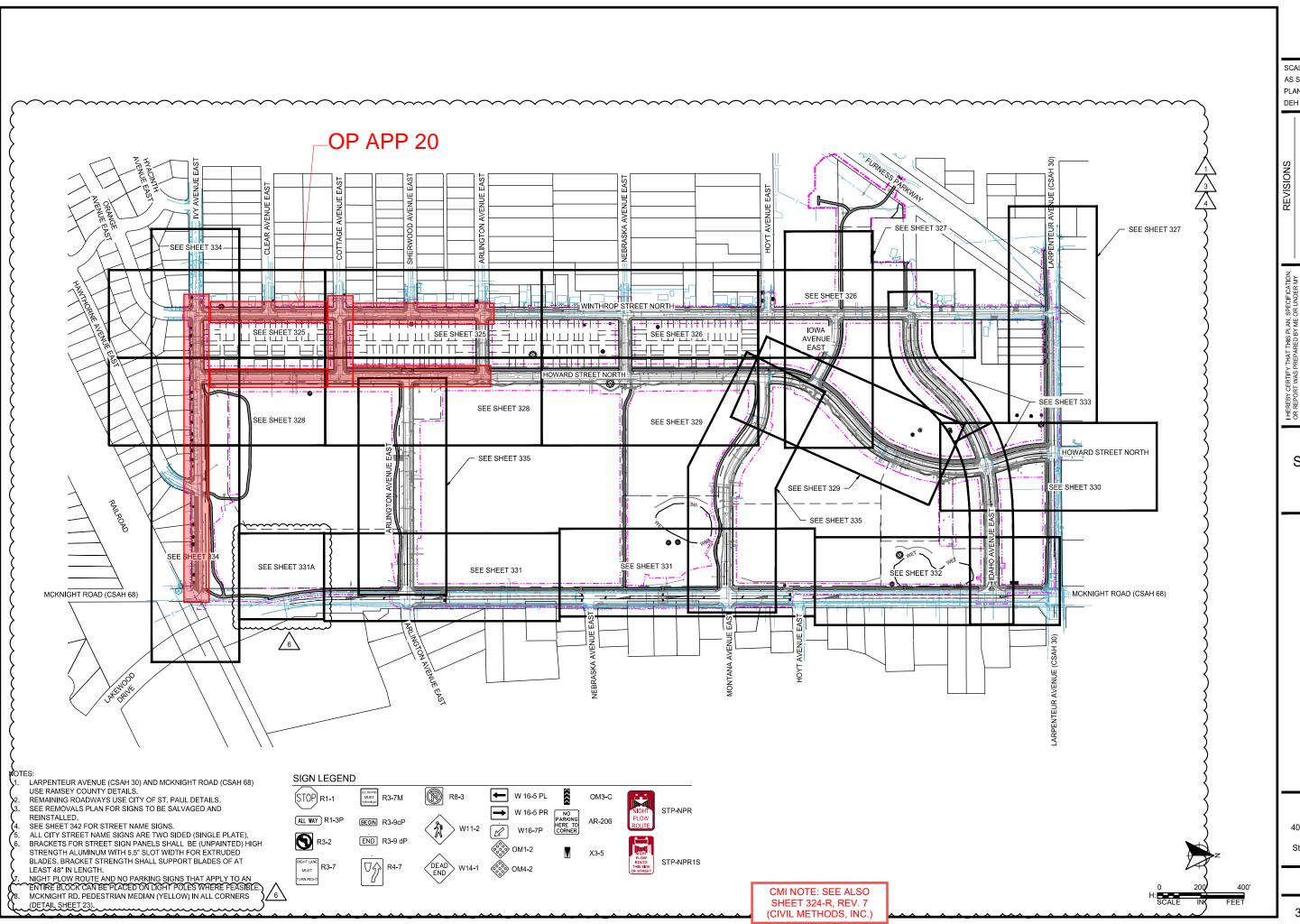
THIS PERMIT MAY BE REVOKED AT ANY TIME BY THE DIRECTOR OF PUBLIC WORKS

A PERMIT FOR THE ABOVE DESC	CRIBED CONSTRUCTION IS AU	THORIZED BY:	
David Kuebler Signature	Title	Date	
Printed Name			

PERMIT NUMBER

ITEMS TO BE COMPLETED PRIOR TO ACCEPTANCE OF INFRASTRUCTURE AND RELEASE OF PERMIT

Prior to acceptance of any infrastructure and release of City permits, the following items must be completed to the satisfaction of the City:	
▼ Corrective (punch list) work completed;	
☑ Original reproducible CAD and PDF as-built plans, signed by the Engineer of Record, provided to Public Works; Submittal of final copies of Metropolitan Council Environmental Services and MN Pollution Control Agency Permits (Sewer Extension, SAC Determination, etc.);	
Full compliance with project Quality Management Plan or other document(s) governing quality management and quality assurance;	
NA Documentation of compliance with all applicable City and non-City requirements including, but not limited to: City Public Works Right-of-Way office, Minnesota Pollution Control Agency, Capitol Region Watershed District, Ramsey-Washington Metro Watershed District.	
NA Documentation of roadway material test results at compaction of subgrade, grading and base, plant mix design report, insitu strength;	
NA Video provided to the City of all sanitary sewer mains and laterals, storm sewer mains and laterals, and any structural BMP's (pipe galleries, draintile, sediment control structures, weir structures, etc.) installed under any permit;	
NA Sewer Permit drawings provided to the City for paving connections or stubs installed for the purposes of providing service to private development(s). Sewer Permit drawings are in addition to Private Service Lateral Permit Drawings;	
NA Documentation that Public Works was notified for signal and lighting inspection of pole field layouts (staking), installed conduits and foundations, installed poles and wiring, signal head positioning, and signal phasing/detection verification;	
NA For infrastructure within parks: Documentation that the Parks Department has been notified of completion status;	
NA All applicable operation and maintenance manuals provided to Public Works; and	
RELEASE OF PERMIT:	
Permit No Council Res. No Permit Date	
Release Authorized by Title	





AS SHOWN PJM PLAN BY:

CHECK BY: PTH

OVERALL SIGNING AND **STRIPING PLAN**

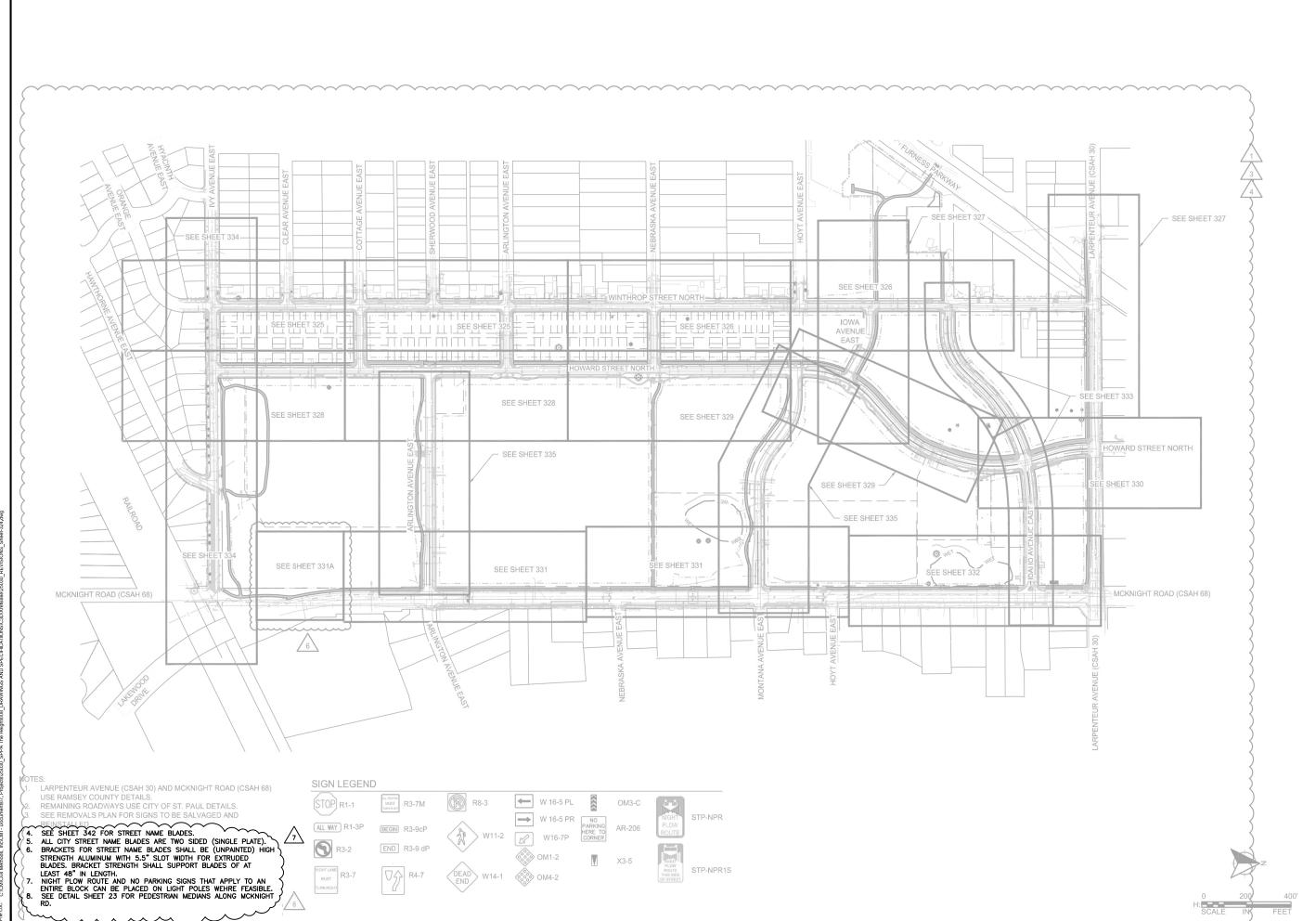
INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North

Suite 240 St Paul, Minnesota 55102 Phone 612-224-5686

> WSB PROJECT NO. 013987-000

324 of 451



REVISION 7 DESCRIPTION:

*The base design (radeo background) is a copy of the corresponding sheet from The Heights Site Redevelopment, Revision 6, dated by 23/2024, produced by WSb. The certification below by Civil modifications shown on this sheet, done in modifications shown on this sheet, done in response to comments from the City of St. Paul. Detailed descriptions of Revision 7 changes are included in a separately provided comment log.

Tree locations depicted in the base design from Revision 6 and have since been upd Refer to Landscape Plans by LHB for

COMMENT #'S ADDRESSED ON THIS SHI

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NO.	DESCRIPTION	DATE
7	Address Rev 6 Comments	7/31/2025

DESIGN

DRAWN: KEB

I HEREBY CERTIFY THAT THIS PLAN* SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I A A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

KENT E. BRANDER

DATE: 07-31-2025 LIC. W: 44578

CIVIL METHODS, INC.

P.O. Box 28038 St. Paul, MN 55128 PH:763.210.5713 www.civilmethods.c

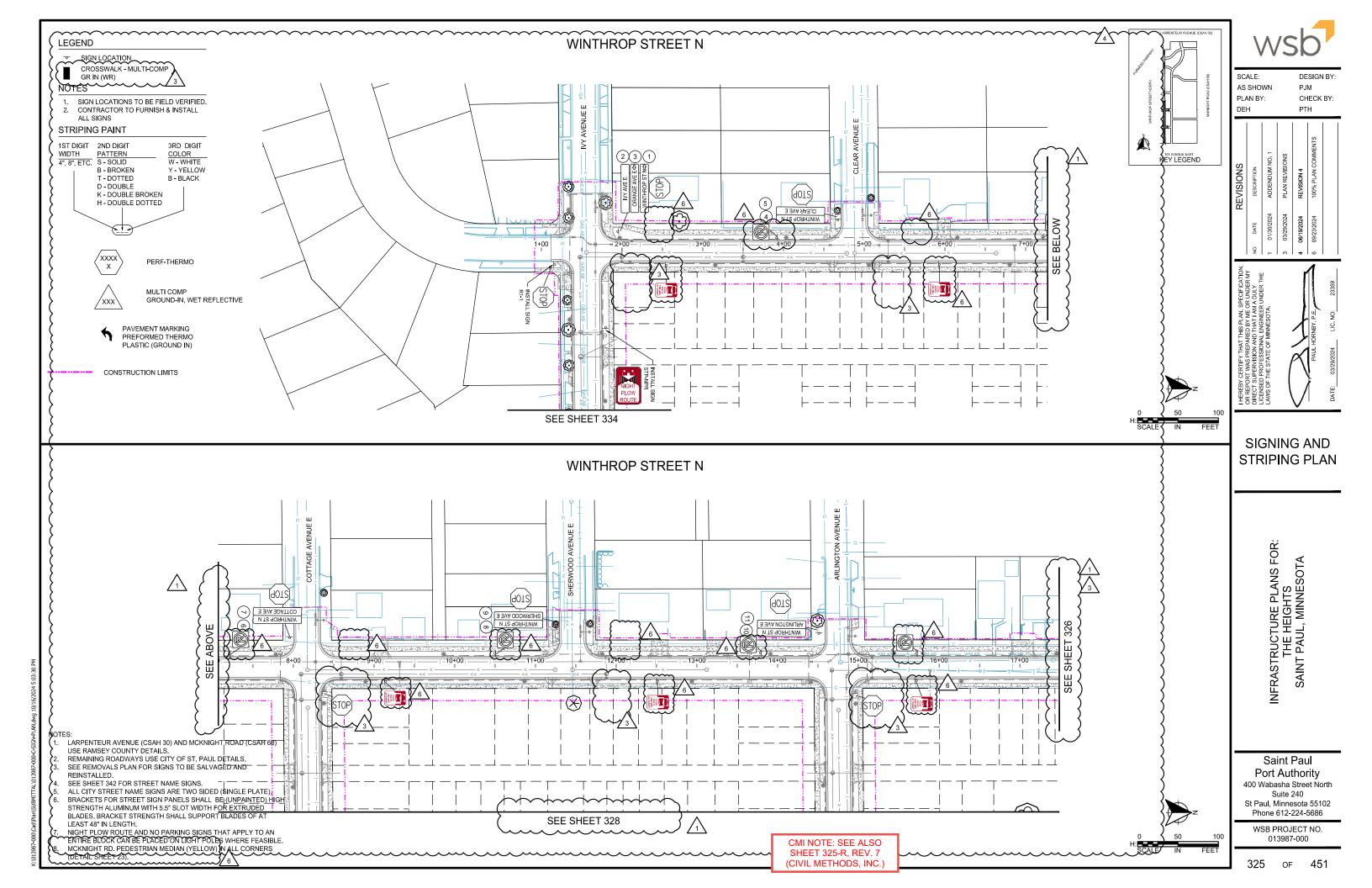
Saint Paul Port Authority 400 Wabasha St N Ste 240 St. Paul, MN 55102 Phone 612-224-5686

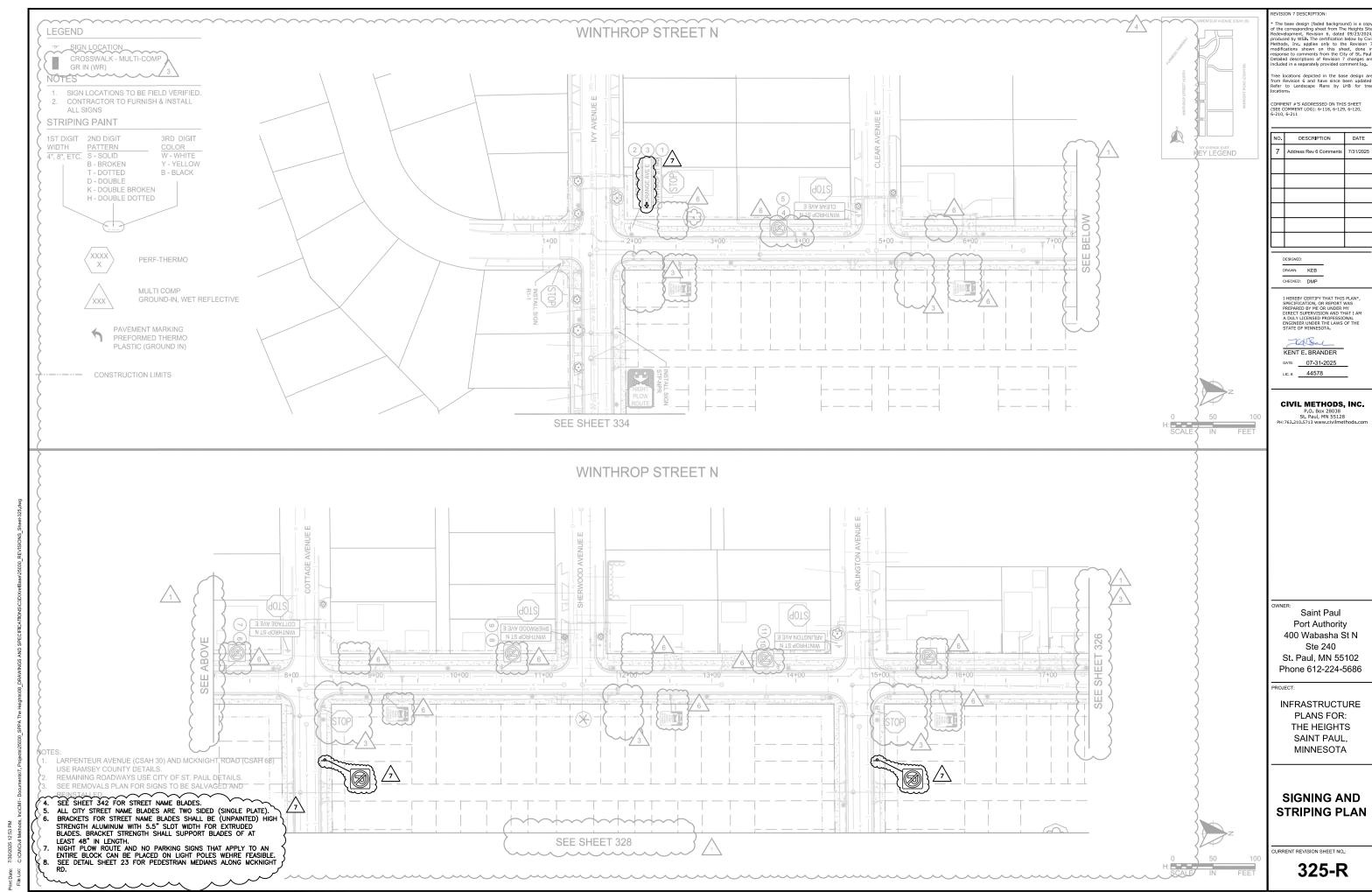
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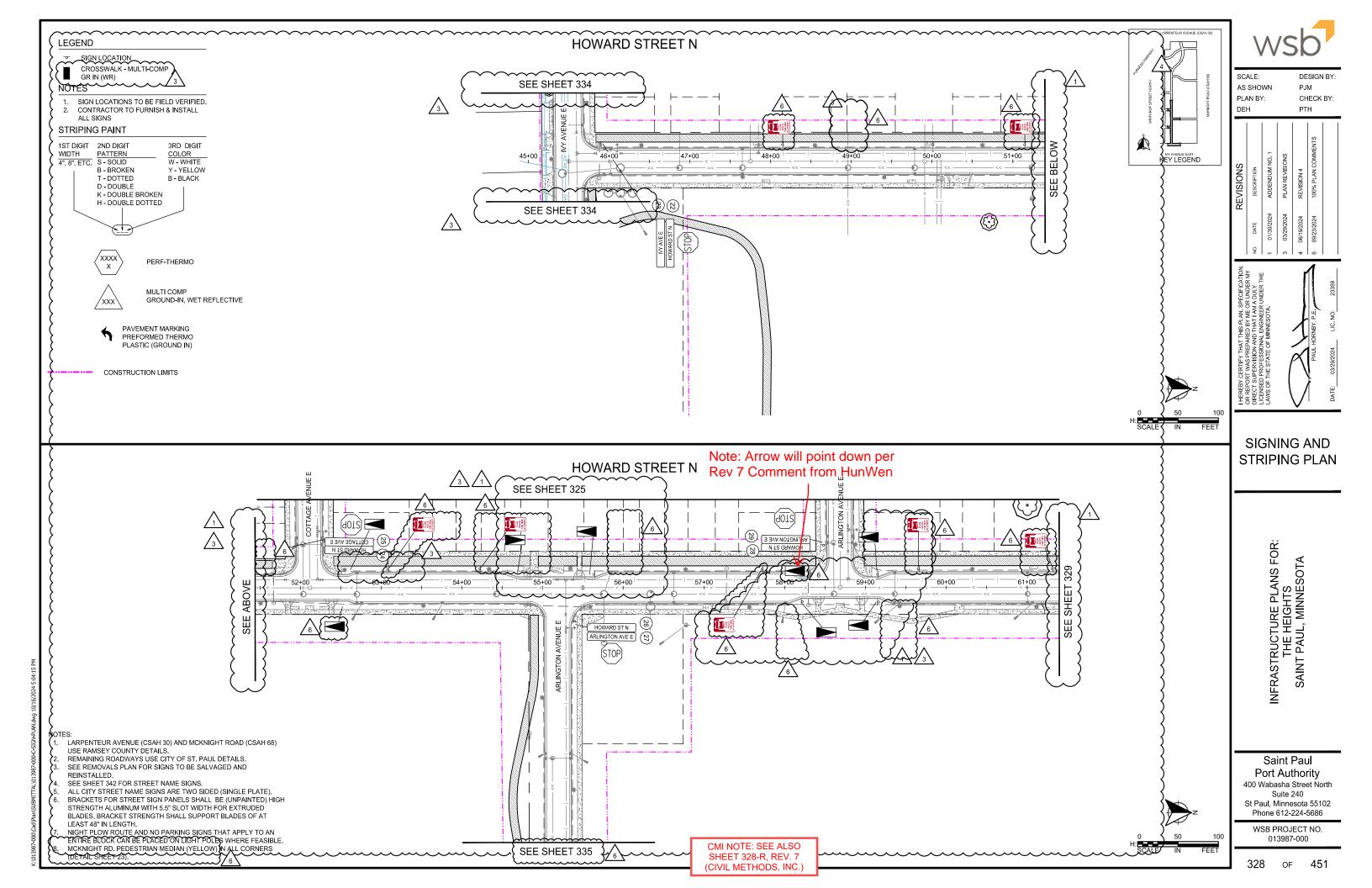
INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

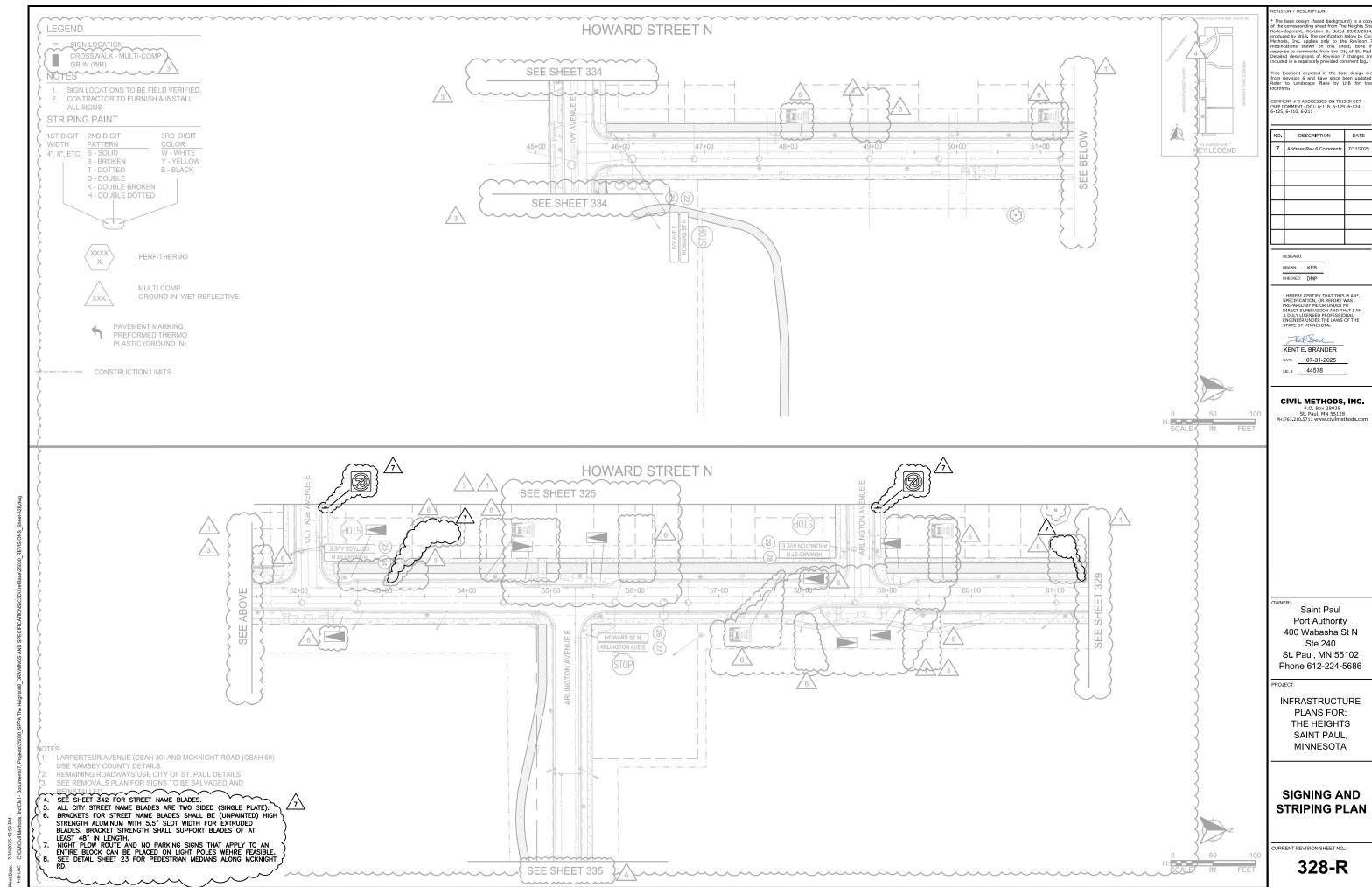
OVERALL SIGNING AND STRIPING PLAN

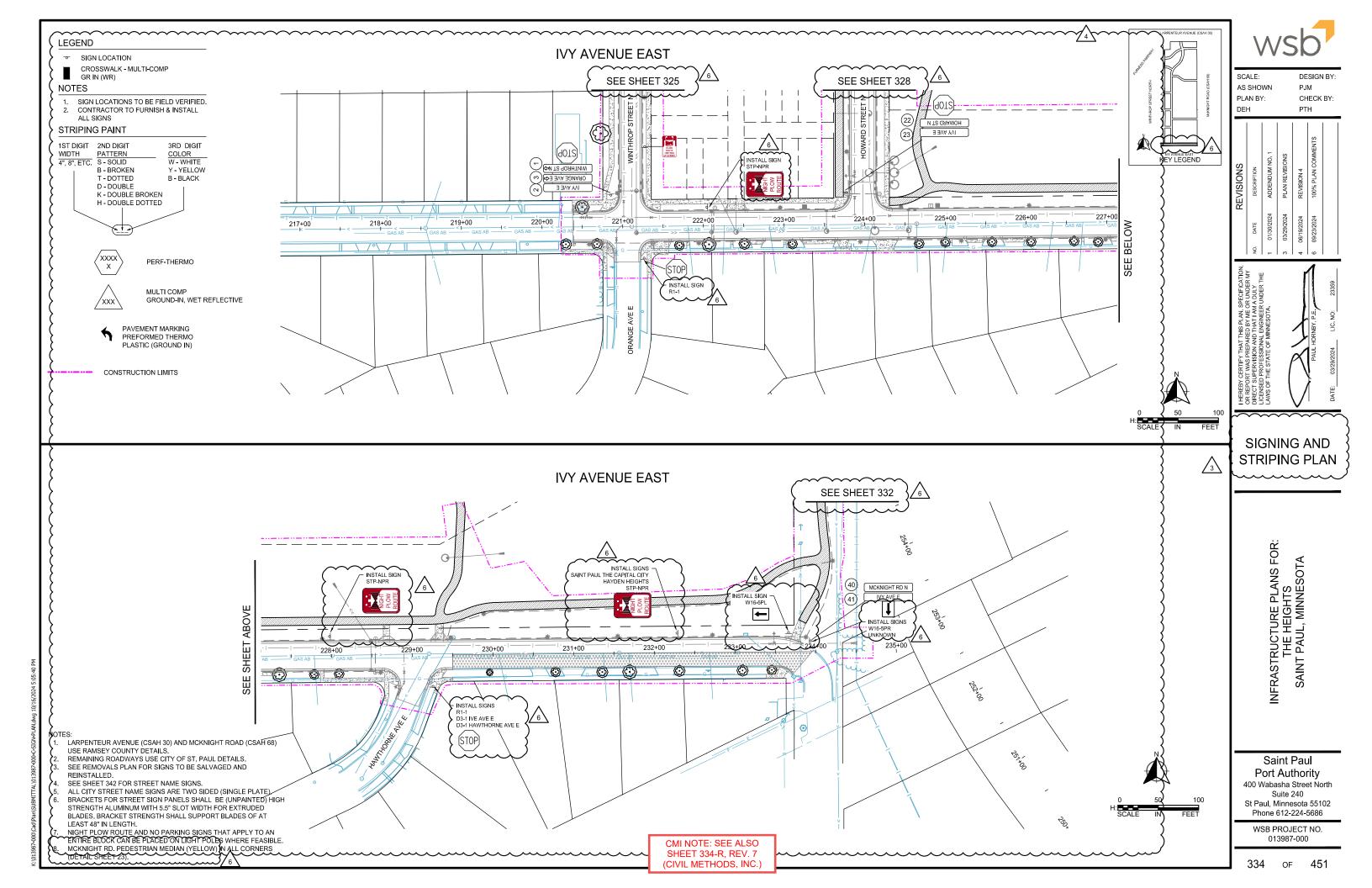
CURRENT REVISION SHEET NO.:

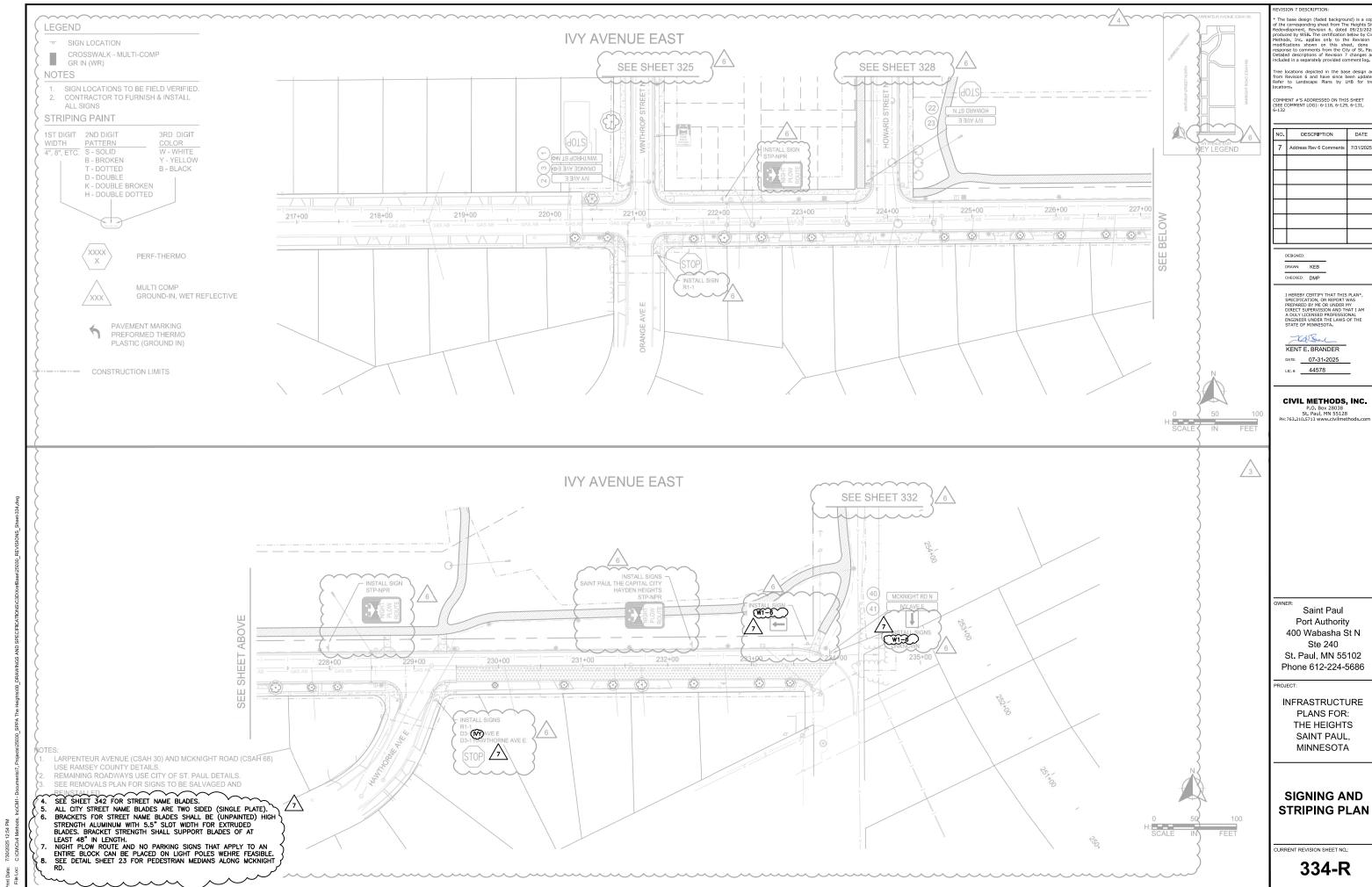








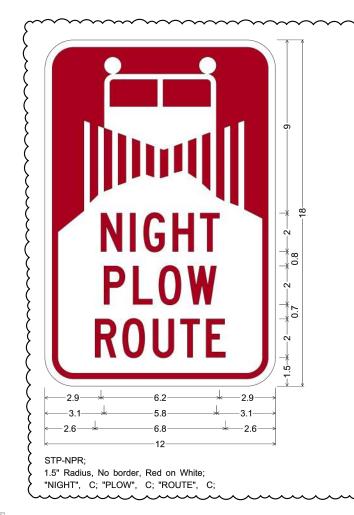




TYPICAL SIGN POST DETAIL SIGN PLACEMENT SIGN PANEL MOUNTING **GUIDELINES DETAILS** 8' 2LB/FT U-POSI RISER POST FASTEN WITH TWO 5/16" -STAINLESS STEEL OR ZINC STAINLESS STEEL WASHER COATED BOLTS 5/16" STAINLESS STEEL OR ZINC COATED NUTS & BOLTS FASTENED IN TOP & BOTTOM HOLES OF SPLICE OVERLAP (12" OVERLAP MINIMÙM) **ROUND POST** 7' MIN. FASTEN WITH TWO 5/16" -STAINLESS STEEL OR ZINC COATED BOLTS STAINLESS STEEL WASHER STUB POST 6' 3LB/FT EMBEDMENT (3' MINIMUM) STUB POST -SIGN PANEL ROUND POST 1) MOUNTING HEIGHT OF OBJECT MARKERS AND DELINEATORS SHALL BE 4' UNLESS OTHERWISE NOTED.

2) MOUNTING HEIGHT OF X3-5 (SNOWPLOW MARKERS) MARKING CURB EXTENSIONS SHALL BE 3'.

3) MOUNTING HEIGHT OF OM3 MARKERS SHALL BE 1'.



NIGHT
PLOW
ROUTE
THIS SIDE
OF STREET

3.7

4.6

3.8

4.4

3.8

3.5

5

2.4

2.1

ILOW, C; "ROUTE", C; "THIS SIDE", C; "YE STREET", C; "YE STREET", C; "THIS SIDE", C; "YE STREET", C; "THIS SIDE", C; "YE STREET", C; "THIS SIDE", C; "YE STREET", C; "YE STREET", C; "THIS SIDE", C; "YE STREET", C; "YE STREET", C; "YE STREET", C; "THIS SIDE", C; "YE STREET", C; "YE

CITY OF ST. PAUL SIGN PLACEMENT DETAILS

CMI NOTE: SEE ALSO SHEET 338-R, REV. 7 (CIVIL METHODS, INC.)



AS SHOWN PJM
PLAN BY: CHECK BY:
PJM JMT

SIGNING AND STRIPING DETAILS

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

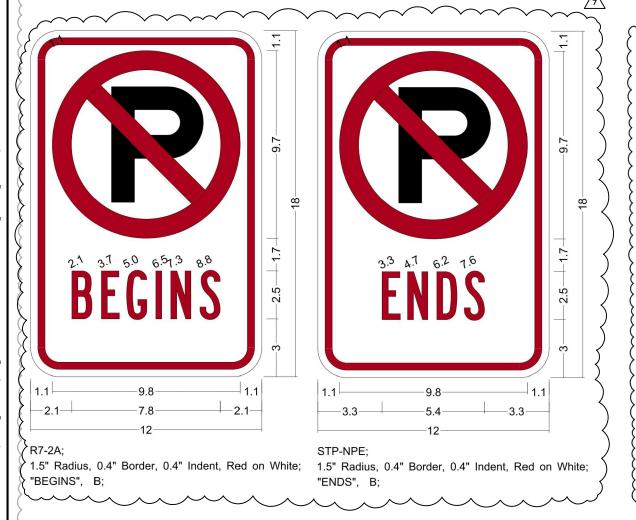
Saint Paul Port Authority 400 Wabasha Street North

Suite 240 St Paul, Minnesota 55102 Phone 612-224-5686

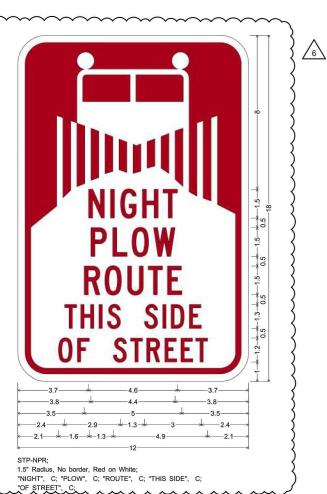
WSB PROJECT NO. 013987-000

SIGN PLACEMENT SIGN PANEL MOUNTING TYPICAL SIGN POST DETAIL **GUIDELINES DETAILS** 8' 2LB/FT **U-POST** RISER POST FASTEN WITH TWO 5/16" STAINLESS STEEL -STAINLESS STEEL OR ZINC COATED BOLTS WASHER 5/16" STAINLESS STEEL -SIGN PANEL OR ZINC COATED NUTS & - BOLTS FASTENED IN TOP & BOTTOM HOLES OF SPLICE OVERLAP (12" MINIMÙM) **ROUND POST** 7' MIN. FASTEN WITH TWO 5/16" STAINLESS STEEL STAINLESS STEEL OR ZINC WASHER COATED BOLTS STUB POST 6' 3LB/FT EMBEDMENT STUB POST (3' MINIMUM) -SIGN PANEL 1) MOUNTING HEIGHT OF OBJECT MARKERS AND DELINEATORS

- SHALL BE 4' UNLESS OTHERWISE NOTED.
- 2) MOUNTING HEIGHT OF X3-5 (SNOWPLOW MARKERS) MARKING
- CURB EXTENSIONS SHALL BE 3'.
- 3) MOUNTING HEIGHT OF OM3 MARKERS SHALL BE 1'.



NIGHT -2.9--2.6--2.6-STP-NPR; 1.5" Radius, No border, Red on White;



CITY OF ST. PAUL SIGN PLACEMENT DETAILS

"NIGHT", C; "PLOW", C; "ROUTE", C;

NO.	DESCRIPTION	DATE
7	Address Rev 6 Comments	7/31/2025

DESIGNED:

DRAWN: KEB

I HEREBY CERTIFY THAT THIS PLAN*, SPECIFICATION, OR REPORT WAS, PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Ted Board KENT E. BRANDER

DATE: 07-31-2025 LIC. #: 44578

CIVIL METHODS, INC.

P.O. Box 28038 St. Paul, MN 55128 PH:763.210.5713 www.civilmeth

Saint Paul Port Authority 400 Wabasha St N Ste 240 St. Paul, MN 55102

Phone 612-224-5686

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

SIGNING AND STRIPING **DETAILS**

CURRENT REVISION SHEET NO.:

TYPE "C" SIGN TABULATION (FURNISH AND INSTALL)									
				TYPE "C" SIG	SN TABULATION (F	JRNISH AND	INSTALL)	,	
Mn/DOT SIGN NO.	QUANTITY	NOTES	POST LENGTH (FEET)	MOUNTING HEIGHT (FEET)	SIZE (INCHES)	SIZE EACH (SQ. FEET)	SIZE TOTAL (SQ. FEET)	LEGEND	
R1-1	25	1,2,3	14	7	36"X36"	9	225	STOP SIGN	
R1-3P	4	1,2,3	14	7	18"X6"	0.75	3	ALL WAY	
R3-2	1	1,2,3	13	7	24"X24"	4	4	MOVEMENT PROHIBITION LEFT	
R3-7	3	1,2,3	13.5	7	30"X30"	6.25	18.75	RIGHT LANE MUST TURN RIGHT	
R3-7M	1	1,2,3	13.5	7	30"X30"	6.2S	6.25	ALL TRAFFIC MUST TURN RIGHT	
R3-9CP	4	1,2,3	13	7	30"X12"	2.5	10	BEGIN	
R3-9DP	1	1,2,3	13	7	30"X12"	2.5	2.5	END	
R4-7	1	1,2,3	13.5	7	24"X30"	S	S	KEEP RIGHT	
R8-3	17	1,2,3	13	7	24"X24"	4	68	NO PARKING (SYMBOL)	
W11-2	4	1,2,3	13.5	7	30"X30"	6.25	25	PEDESTRIAN	
W16-SPL	1	1,2,3	12.5	7	24"X18"	3	3	SUPPLEMENTAL ARROW (LEFT)	
W16-SPR	1	1,2,3	12.5	7	24"X18"	3	3	SUPPLEMENTAL ARROW (RIGHT)	
W16-7PL	2	1,2,3	13.5	7	24"X12"	2	4	ARROW POINTING DOWN LEFT	
W16-7PR	2	1,2,3	13.5	7	24"X12"	2	4	ARROW POINTING DOWN RIGHT	
OM3-C	1	1,2,3	11	7	12"X36"	3	3	TYPE 3 OBJECT MARKER (CENTER)	
STP-NPR1S	24	1,2,3	12.5	7	18"X12"	1.5	36	ST. PAUL - NIGHT PLOW ROUTE THIS SIDE OF STREET	
X3-S	21	1,2	9	7	6"X12"	0.5	10.5	SNOW PLOW MARKER (RAISE BLADE)	
TOTAL	113						431		

TYPE "C" SIGN NOTE

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE POST, STABILIZER, AND ANCHOR, , BUT DO NOT INCLUDE ADDITIONAL LENGTH REQUIRED FOR SPLICE.
- 2. SEE STANDARD SIGNS MANUAL FOR PUNCHING CODE AND DETAILED DRAWINGS OF TYPE "C" SIGNS.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

TYPE "SPECIAL" SIGN TABULATION (FURNISH AND INSTALL)									
			POST	MOUNTING					
/ln/DOT SIGN NO.	QUANTITY	NOTES	LENGTH	HEIGHT	LEGEND				
			(FEET)	(FEET)					
D3-1	3	1,2,3	14	7	IVY AVE E				
D3-1	1	1,2,3	14	7	ORANGE AVE E				
D3-1	9	1,2,3	14	7	WINTHROP ST N				
D3-1	1	1,2,3	14	7	CLEAR AVE E				
D3-1	2	1,2,3	14	7	COTTAGE AVE E				
D3-1	1	1,2,3	14	7	SHERWOOD AVE E				
D3-1	4	1,2,3	14	7	ARLINGTON AVE E				
D3-1	2	1,2,3	14	7	NEBRASKA AVE E				
D3-1	1	1,2,3	14	7	HOYT AVE E				
D3-1	2	1,2,3	14	7	IOWA AVE E				
D3-1	3	1,2,3	14	7	IDAHO AVE E				
D3-1	9	1,2,3	14	7	HOWARD ST N				
D3-1	2	1,2,3	14	7	MONTANA AVE E				
D3-1	1	1,2,3	14	7	LARPENTEUR AVE E				
D3-1	4	1,2,3	14	7	MCKNIGHT RD N				
TOTAL	45								

TYPE "SPECIAL" SIGN NOTES:

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE POST, STABILIZER, AND ANCHOR, , BUT DO NOT INCLUDE ADDITIONAL LENGTH REQUIRED FOR SPLICE.
- 2. SEE STANDARD SIGNS MANUAL FOR PUNCHING CODE AND DETAILED DRAWINGS OF TYPE "C" SIGNS.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

			INSTALL SIG	IN (SALVAGED	0)
·			POST	MOUNTING	
Mn/DOT SIGN NO.	QUANTITY	NOTES	LENGTH	HEIGHT	LEGEND
			(FEET)	(FEET)	
R1-1	6	1,2,3,4	14	7	STOP SIGN
R2-1 (4S)	3	1,2,3,4	13.5	7	SPEED LIMIT (4S MPH)
R3-9b	6	1,2,3	14	7	TWO-WAY LEFT TURN ONLY
R3-9dP	1	1,2,3	12.5	7	END
R3-17	2	1,2,3,4	12.5	7	BIKE LANE
R8-3	20	1,2,3,4	13	7	NO PARKING (SYMBOL)
W1-8R	4	1,2,3,4	13	7	CHEVRON ALIGNMENT (RIGHT)
W1-8L	4	1,2,3,4	13	7	CHEVRON ALIGNMENT (LEFT)
W11-2	13	1,2,3,4	13.5	7	PEDESTRIAN
W14-1	1	1,2,3,4	13.5	7	DEAD END
W16-SPL	1	1,2,3,4	12.5	7	SUPPLEMENTAL ARROW (LEFT)
W16-5PR	1	1,2,3,4	12.5	7	SUPPLEMENTAL ARROW (RIGHT)
W16-7PL	6	1,2,3,4	13.5	7	ARROW POINTING DOWN LEFT
W16-7PR	6	1,2,3,4	13.5	7	ARROW POINTING DOWN RIGHT
W16-9P	1	1,2,3,4	13.5	7	AHEAD
OM3-R	3	1,2,3,4	11	7	TYPE 3 OBJECT MARKER (RIGHT)
					COUNTY ROUTE MARKER
M1-6M (RC 68)	1	1,2,3,4	13	7	(RAMSEY COUNTY 68)
NO WAKE ZONE	4	1,2,3,4	13	7	NO WAKE ZONE
D3-1	4	1,2,3,4	12	7	STREET NAME SIGN
STP-NPR	3	1,2,3,4	12.5	7	ST. PAUL - NIGHT PLOW ROUTE
SAINT PAUL THE					
CAPITALCITY	1	1,2,3,4	14	7	SAINT PAUL THE CAPITAL CITY
HAYDEN HEIGHTS	1	1,2,3,4	14	7	HAYDEN HEIGHTS
NO PARKING 30					
FEET	1	1,2,3,4	13	7	NO PARKING 30 FEET
R8-3 MODIFIED	1	1,2,3,4	12.5	7	NO PARKING CORNER TO HERE
UNKNOWN	1	1,2,3,4	12.5	8	UNKNOWN SIGN
TOTAL	94				

SALVAGED AND REINSTALL SIGN NOTES:

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE EMBEDMENT.
- 2. SEE SIGN DETAILS IN PLAN SET.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

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wsk)

SCALE: DESIGN BY: AS SHOWN PJM

PLAN BY: CHECK BY: PJM JMT

REVISIONS	DESCRIPTION	PLAN REVISIONS	REVISION 4	100% PLAN COMMENTS	
ш	DATE	03/29/2024	06/19/2024	09/23/2024	
	9	ю	4	9	

SIGNING AND STRIPING DETAILS

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North

Suite 240 St Paul, Minnesota 55102 Phone 612-224-5686

WSB PROJECT NO. 013987-000

CMI NOTE: SEE ALSO SHEET 341-R, REV. 7 (CIVIL METHODS, INC.) SIGNING TABULATIONS

TYPE "C" SIGN TABULATION (FURNISH AND INSTALL)								TYPE "SPECIAL" SIGN TABULATION (FURNISH AND INSTALL)						
∕n/DOT SIGN NO.	QUANTITY	NOTES	POST LENGTH (FEET)	MOUNTING HEIGHT (FEET)	SIZE (INCHES)	SIZE EACH (SQ. FEET)	SIZE TOTAL (SQ. FEET)	LEGEND	Mn/DOT SIGN NO.	QUANTITY	NOTES	POST LENGTH (FEET)	MOUNTING HEIGHT (FEET)	LEGEND
R1-1	25	1,2,3	14	7	36"X36"	9	225	STOP SIGN	D3-1	3	1,2,3	14	7	IVY AVE E
R1-3P	4	1,2,3	14	7	18"X6"	0.75	3	ALL WAY	D3-1	1	1,2,3	14	7	ORANGE AVE E
R3-2	1	1,2,3	13	7	24"X24"	4	4	MOVEMENT PROHIBITION LEFT	D3-1	9	1,2,3	14	7	WINTHROP ST N
R3-7	3	1,2,3	13.5	7	30"X30"	6.25	18.7S	RIGHT LANE MUST TURN RIGHT	D3-1	1	1,2,3	14	7	CLEAR AVE E
R3-7M	1	1,2,3	13.5	7	30"X30"	6.25	6.25	ALL TRAFFIC MUST TURN RIGHT	D3-1	2	1,2,3	14	7	COTTAGE AVE E
R3-9CP	4	1,2,3	13	7	30"X12"	2.5	10	BEGIN	D3-1	1	1,2,3	14	7	SHERWOOD AVE E
R3-9DP	1	1,2,3	13	7	30"X12"	2.5	2.5	END	D3-1	4	1,2,3	14	7	ARLINGTON AVE E
R4-7	1	1,2,3	13.5	7	24"X30"	S	S	KEEP RIGHT	D3-1	2	1,2,3	14	7	NEBRASKA AVE E
R8-3	17	1,2,3	13	7	24"X24"	4	68	NO PARKING (SYMBOL)	D3-1	1	1,2,3	14	7	HOYT AVE E
W11-2	4	1,2,3	13.5	7	30"X30"	6.25	25	PEDESTRIAN	D3-1	2	1,2,3	14	7	IOWA AVE E
$\frac{1}{2}$ $\left\{ w_{1-6} \right\}$	1	1,2,3	12.5	7	24"X18"	3	3	SUPPLEMENTAL ARROW (LEFT)	D3-1	3	1,2,3	14	7	IDAHO AVE E
₩1-6}	1	1,2,3	12.5	7	24"X18"	3	3	SUPPLEMENTAL ARROW (RIGHT)	D3-1	9	1,2,3	14	7	HOWARD ST N
W16-7PL	2	1,2,3	13.5	7	24"X12"	2	4	ARROW POINTING DOWN LEFT	D3-1	2	1,2,3	14	7	MONTANA AVE E
W16-7PR	2	1,2,3	13.5	7	24"X12"	2	4	ARROW POINTING DOWN RIGHT	D3-1	1	1,2,3	14	7	LARPENTEUR AVE E
OM3-C	1	1,2,3	11	7	12"X36"	3	3	TYPE 3 OBJECT MARKER (CENTER)	D3-1	4	1,2,3	14	7	MCKNIGHT RD N
STP-NPR1S	24	1,2,3	12.5	7	18"X12"	1.5	36	ST. PAUL - NIGHT PLOW ROUTE THIS SIDE OF STREET	TOTAL	45				
X3-S	21	1,2	9	7	6"X12"	0.5	10.5	SNOW PLOW MARKER (RAISE BLADE)						
TOTAL	113						431		TYPE "SPECIAL" SIG	IN NOTES:				

TYPE "C" SIGN NOTES:

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE POST, STABILIZER, AND ANCHOR, , BUT DO NOT INCLUDE ADDITIONAL LENGTH REQUIRED FOR SPLICE.
- 2. SEE STANDARD SIGNS MANUAL FOR PUNCHING CODE AND DETAILED DRAWINGS OF TYPE "C" SIGNS.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

	-	TYPE "SPEC	IAL" SIGN T	ABULATION (F	URNISH AND INSTALL)
			POST	MOUNTING	
Mn/DOT SIGN NO.	QUANTITY	NOTES	LENGTH	HEIGHT	LEGEND
			(FEET)	(FEET)	
D3-1	3	1,2,3	14	7	IVY AVE E
D3-1	1	1,2,3	14	7	ORANGE AVEE
D3-1	9	1,2,3	14	7	WINTHROP ST N
D3-1	1	1,2,3	14	7	CLEAR AVE E
D3-1	2	1,2,3	14	7	COTTAGE AVE E
D3-1	1	1,2,3	14	7	SHERWOOD AVE E
D3-1	4	1,2,3	14	7	ARLINGTON AVE E
D3-1	2	1,2,3	14	7	NEBRASKA AVE E
D3-1	1	1,2,3	14	7	HOYT AVE E
D3-1	2	1,2,3	14	7	IOWA AVE E
D3-1	3	1,2,3	14	7	IDAHO AVE E
D3-1	9	1,2,3	14	7	HOWARD ST N
D3-1	2	1,2,3	14	7	MONTANA AVE E
D3-1	1	1,2,3	14	7	LARPENTEUR AVE E
D3-1	4	1,2,3	14	7	MCKNIGHT RD N
TOTAL	45				

TYPE "SPECIAL" SIGN NOTES:

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE POST, STABILIZER, AND ANCHOR, , BUT DO NOT INCLUDE ADDITIONAL LENGTH REQUIRED FOR SPLICE.
- 2. SEE STANDARD SIGNS MANUAL FOR PUNCHING CODE AND DETAILED DRAWINGS OF TYPE "C" SIGNS.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

			INSTALL SIG	N (SALVAGE	D)
			POST	MOUNTING	
Mn/DOT SIGN NO.	QUANTITY	NOTES	LENGTH	HEIGHT	LEGEND
			(FEET)	(FEET)	
R1-1	6	1,2,3,4	14	7	STOP SIGN
R2-1 (4S)	3	1,2,3,4	13.5	7	SPEED LIMIT (4S MPH)
R3-9b	6	1,2,3	14	7	TWO-WAY LEFT TURN ONLY
R3-9dP	1	1,2,3	12.5	7	END
R3-17	2	1,2,3,4	12.5	7	BIKE LANE
R8-3	20	1,2,3,4	13	7	NO PARKING (SYMBOL)
W1-8R	4	1,2,3,4	13	7	CHEVRON ALIGNMENT (RIGHT)
W1-8L	4	1,2,3,4	13	7	CHEVRON ALIGNMENT (LEFT)
W11-2	13	1,2,3,4	13.5	7	PEDESTRIAN
W14-1	1	1,2,3,4	13.5	7	DEAD END
W1-6	1	1,2,3,4	12.5	7	SUPPLEMENTAL ARROW (LEFT)
{ w1−6 }	1	1,2,3,4	12.5	7	SUPPLEMENTAL ARROW (RIGHT)
W16-7PL	6	1,2,3,4	13.5	7	ARROW POINTING DOWN LEFT
W16-7PR	6	1,2,3,4	13.5	7	ARROW POINTING DOWN RIGHT
W16-9P	1	1,2,3,4	13.5	7	AHEAD
OM3-R	3	1,2,3,4	11	7	TYPE 3 OBJECT MARKER (RIGHT)
M1-6M (RC 68)	1	1,2,3,4	13	7	COUNTY ROUTE MARKER (RAMSEY COUNTY 68)
NO WAKE ZONE	4	1,2,3,4	13	7	NO WAKE ZONE
D3-1	4	1,2,3,4	12	7	STREET NAME SIGN
STP-NPR	3	1,2,3,4	12.5	7	ST. PAUL - NIGHT PLOW ROUTE
SAINTPAULTHE					
CAPITALCITY	1	1,2,3,4	14	7	SAINT PAUL THE CAPITAL CITY
HAYDEN HEIGHTS	1	1,2,3,4	14	7	HAYDEN HEIGHTS
NO PARKING 30					
FEET	1	1,2,3,4	13	7	NO PARKING 30 FEET
R8-3 MODIFIED	1	1,2,3,4	12.5	7	NO PARKING CORNER TO HERE
UNKNOWN	1	1,2,3,4	12.5	8	UNKNOWN SIGN
TOTAL	94				

SALVAGED AND REINSTALL SIGN NOTES:

- 1. POST LENGTHS ARE APPROXIMATE AND INCLUDE EMBEDMENT.
- 2. SEE SIGN DETAILS IN PLAN SET.
- 3. SIGN TO BE MOUNTED TO SAME POST AS TYPE "C" SIGN.
- 4. SIGN TO BE MOUNTED TO SAME POST AS INSTALL SIGN (SALVAGED).

_		
NO.	DESCRIPTION	DATE
7	Address Rev 6 Comments	7/31/2025

Ted Board KENT E. BRANDER

DATE: 07-31-2025

LIC. W: 44578

CIVIL METHODS, INC.
P.O. Box 28038
St. Paul, MN 55128
PH:763.210.5713 www.civilmethods.com

Saint Paul Port Authority 400 Wabasha St N Ste 240

St. Paul, MN 55102 Phone 612-224-5686

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

SIGNING AND STRIPING **DETAILS**

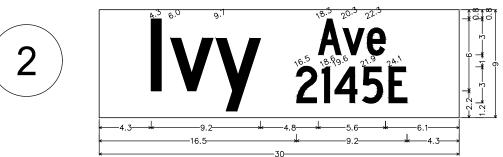
CURRENT REVISION SHEET NO.:





No border, White on Green;

"Clear", C 2K; "Ave", C 2K; "2145E", C 2K;



No border, White on Green; "Ivy", C 2K; "Ave", C 2K; "2145E", C 2K;

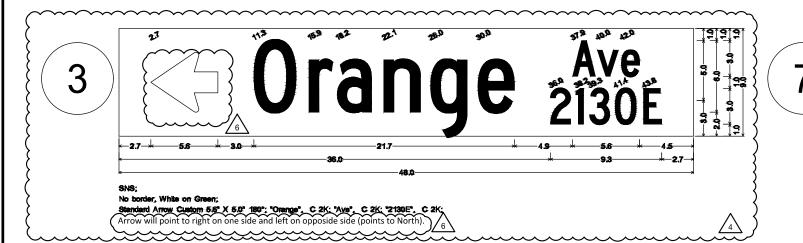
No border, White on Green;

"Winthrop", B 2K; "St", C 2K; "1350N", C 2K;



No border, White on Green;

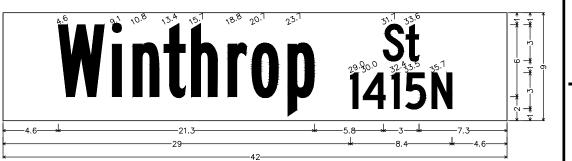
"Winthrop", B 2K; "St", C 2K; "1380N", C 2K;



Cottage 2145E

No border, White on Green; "Cottage", C 2K; "Ave", C 2K; "2145E", C 2K;





No border, White on Green;

"Winthrop", B 2K; "St", C 2K; "1415N", C 2K;

CMI NOTE: SEE ALSO SHEET 342-R, REV. 7 (CIVIL METHODS, INC.

Port Authority 400 Wabasha Street North Suite 240 St Paul, Minnesota 55102 Phone 612-224-5686

Saint Paul

SIGNING AND **STRIPING DETAILS**

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

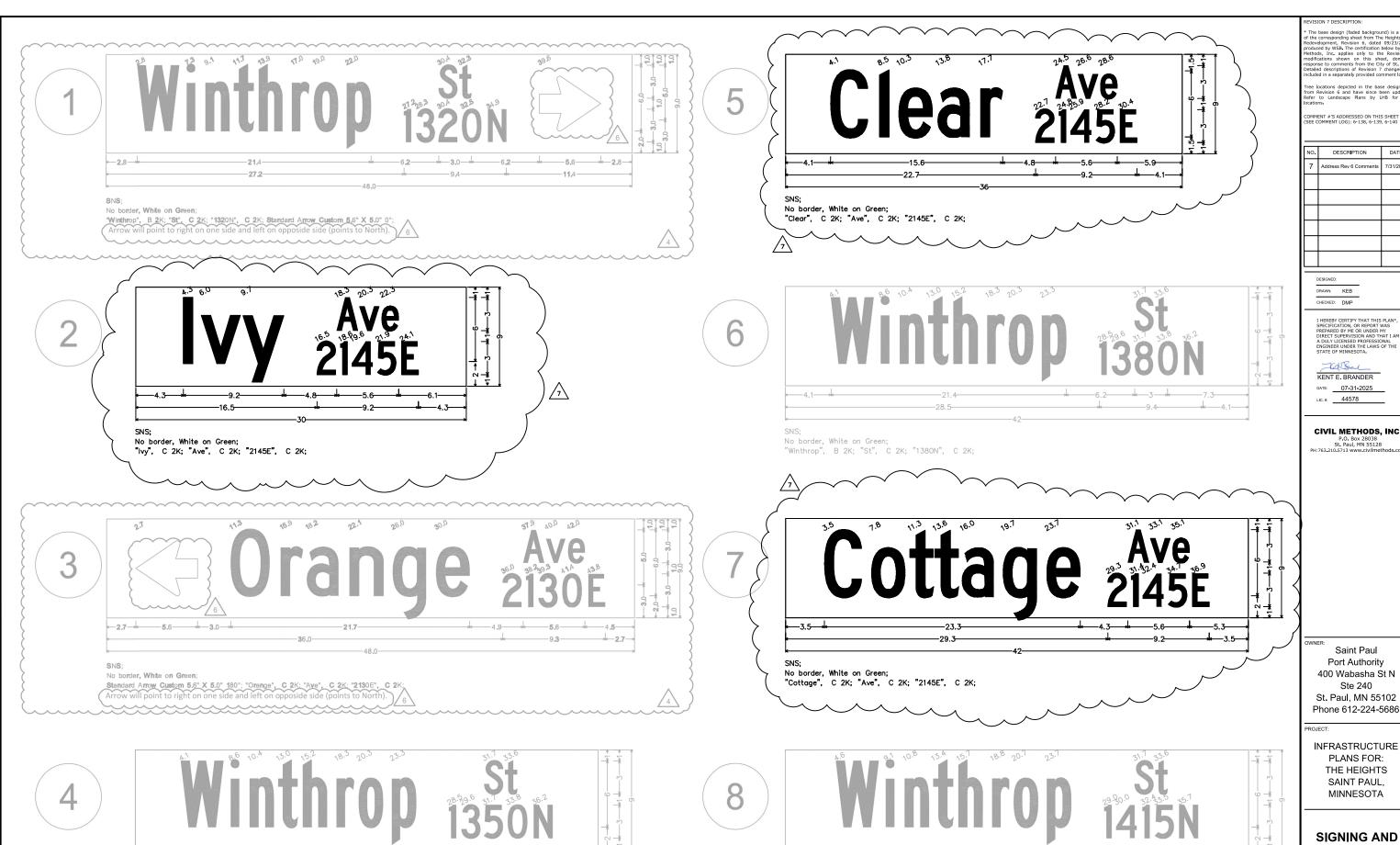
AS SHOWN

PLAN BY:

P.IM

CHECK BY:

WSB PROJECT NO. 013987-000



No border, White on Green; "Winthrop", B 2K; "St", C 2K; "1350N", C 2K;

—28.5—

No border, White on Green; "Winthrop", B 2K; "St", C 2K; "1415N", C 2K;

NO.	DESCRIPTION	DATE
NO.	DESCRIPTION	DATE
7	Address Rev 6 Comments	7/31/2025

DESIGNED:

DRAWN: KEB

KENT E. BRANDER

DATE: 07-31-2025 LIC. #: 44578

CIVIL METHODS, INC.

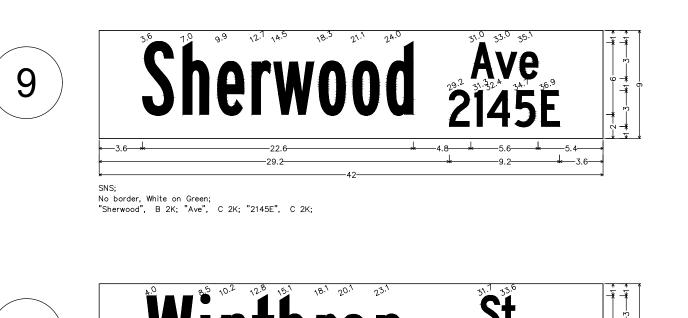
P.O. Box 28038 St. Paul, MN 55128 3 210 5713 www.civilmeth

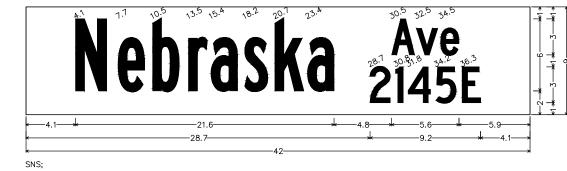
Saint Paul Port Authority 400 Wabasha St N Ste 240

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

SIGNING AND STRIPING **DETAILS**

JRRENT REVISION SHEET NO.:





No border, White on Green;

"Nebraska", B 2K; "Ave", C 2K; "2145E", C 2K;

Winthrop 28.30.02 1.28 1.51 1.81 20.1 23.1 23.1 33.6 St. 33.0 1440 No border, White on Green;

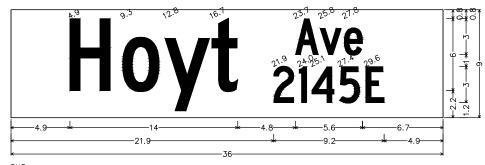
Winthrop

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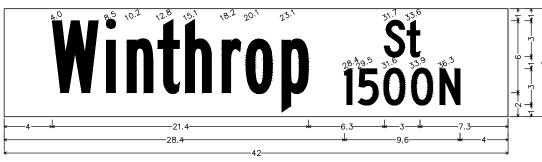


14



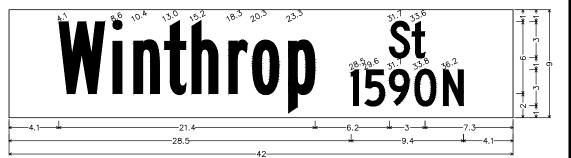
No border, White on Green;

"Hoyt", C 2K; "Ave", C 2K; "2145E", C 2K;



16

SHEET 343-R, REV. 7



No border, White on Green;

"Winthrop", B 2K; "St", C 2K; "1590N", C 2K:



No border, White on Green; "Winthrop", B 2K; "St", C 2K; "1500N", C 2K;

"Winthrop", B 2K; "St", C 2K; "1440N", C 2K;

AS SHOWN

PLAN BY

REVISIONS

P.IM

CHECK BY:

013987-000

Saint Paul Port Authority 400 Wabasha Street North Suite 240 St Paul, Minnesota 55102 Phone 612-224-5686 WSB PROJECT NO.

SIGNING AND **STRIPING DETAILS**

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA



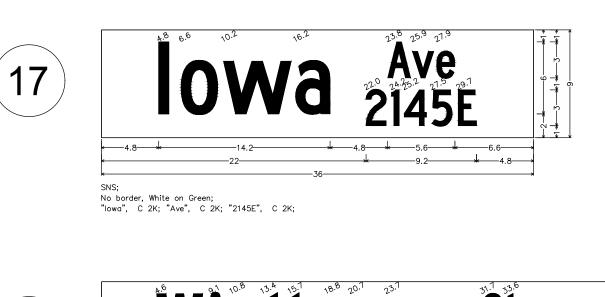
"Winthrop", B 2K; "St", C 2K; "1590N", C 2K;

"Winthrop", B 2K; "St", C 2K; "1500N", C 2K;

JRRENT REVISION SHEET NO.:

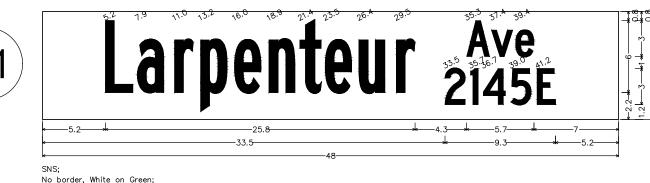
343-R

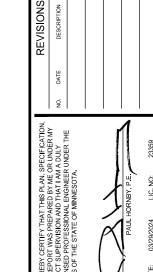
Ste 240



"Winthrop", B 2K; "St", C 2K; "1615N", C 2K;

"Winthrop", B 2K; "St", C 2K; "1680N", C 2K;





SIGNING AND **STRIPING DETAILS**

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

AS SHOWN

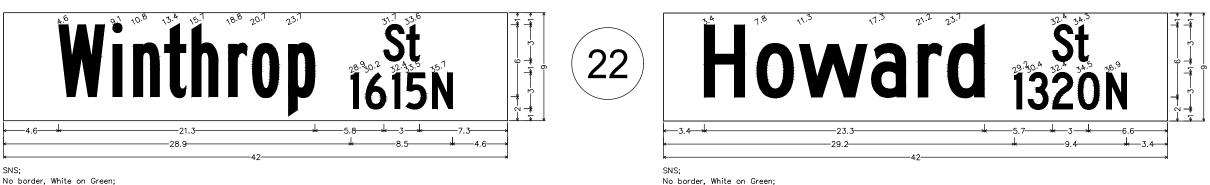
PLAN BY:

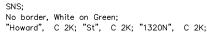
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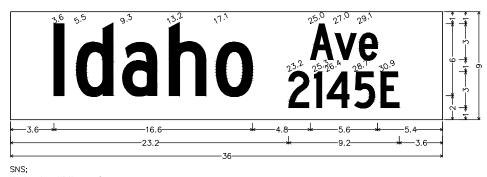
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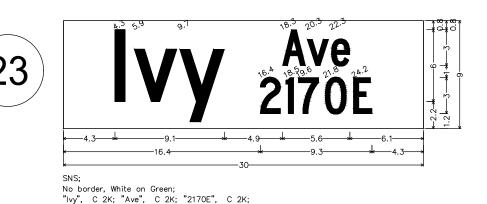
CHECK BY:

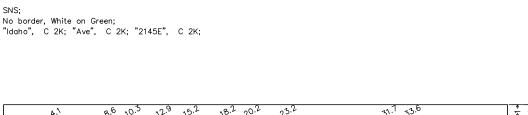


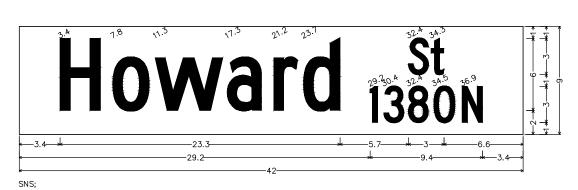


"Larpenteur", B 2K; "Ave", C 2K; "2145E", C 2K;









No border, White on Green;

No border, White on Green; "Howard", C 2K; "St", C 2K; "1380N", C 2K; WSB PROJECT NO. 013987-000

CMI NOTE: SEE ALSO SHEET 344-R, REV. 7 (CIVIL METHODS, INC.)

Saint Paul Port Authority 400 Wabasha Street North Suite 240 St Paul, Minnesota 55102 Phone 612-224-5686



DESIGNED:

DRAWN: KEB

CHECKED: DMP

KENT E. BRANDER

DATE: 07-31-2025 LIC. #: 44578

CIVIL METHODS, INC.

P.O. Box 28038 St. Paul, MN 55128

Saint Paul Port Authority 400 Wabasha St N Ste 240 St. Paul, MN 55102

Phone 612-224-5686

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

> **SIGNING AND STRIPING DETAILS**



(CIVIL METHODS, INC.

wsb

SCALE: DESIGN II
AS SHOWN PJM
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OR REPORT WAS PREPARED Y ME OR UNDED
DIRECT SUPERVISION AND THAT1 AM A DULY.
UCENSED PROFESSIONAL ENGINEER UNDER.
LAWS OF THE STATE OF MINNESOTA.

PAUL HORNBY, P.E.

SIGNING AND STRIPING DETAILS

> INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North Suite 240

St Paul, Minnesota 55102 Phone 612-224-5686

> WSB PROJECT NO. 013987-000

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REVISION 7 DESCRIPTION:

* The base design (faded background) is a copy of the corresponding sheet from The Heights Site Redevelopment, Revision 6, dated 097,23/2024, produced by WSB. The certification below by Civil Methods, Inc. applies only to the Revision 7 modifications shown on this sheet, done in Comparison of the Comparison of the Comparison of Provided Co

Detailed descriptions of Revision 7 changes at included in a separately provided comment log.

Tree locations depicted in the base design at the Devision of the locations depicted by the locations of the locati

COMMENT #'S ADDRESSED ON THIS SHEE (SEE COMMENT LOG): 6-151, 6-152, 6-153

NO. DESCRIPTION DATE
7 Address Rev 6 Comments 7/31/2025

DESIGNED:

DRAWN: KEB
CHECKED: DMP

I HEREBY CERTIFY THAT THIS PLAN*, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

KENT E. BRANDER

DATE: 07-31-2025 LIC. #: 44578

CIVIL METHODS, INC.

St. Paul, MN 55128 PH:763.210.5713 www.civilmethods.co

Saint Paul
Port Authority
400 Wabasha St N
Ste 240
St. Paul. MN 55102

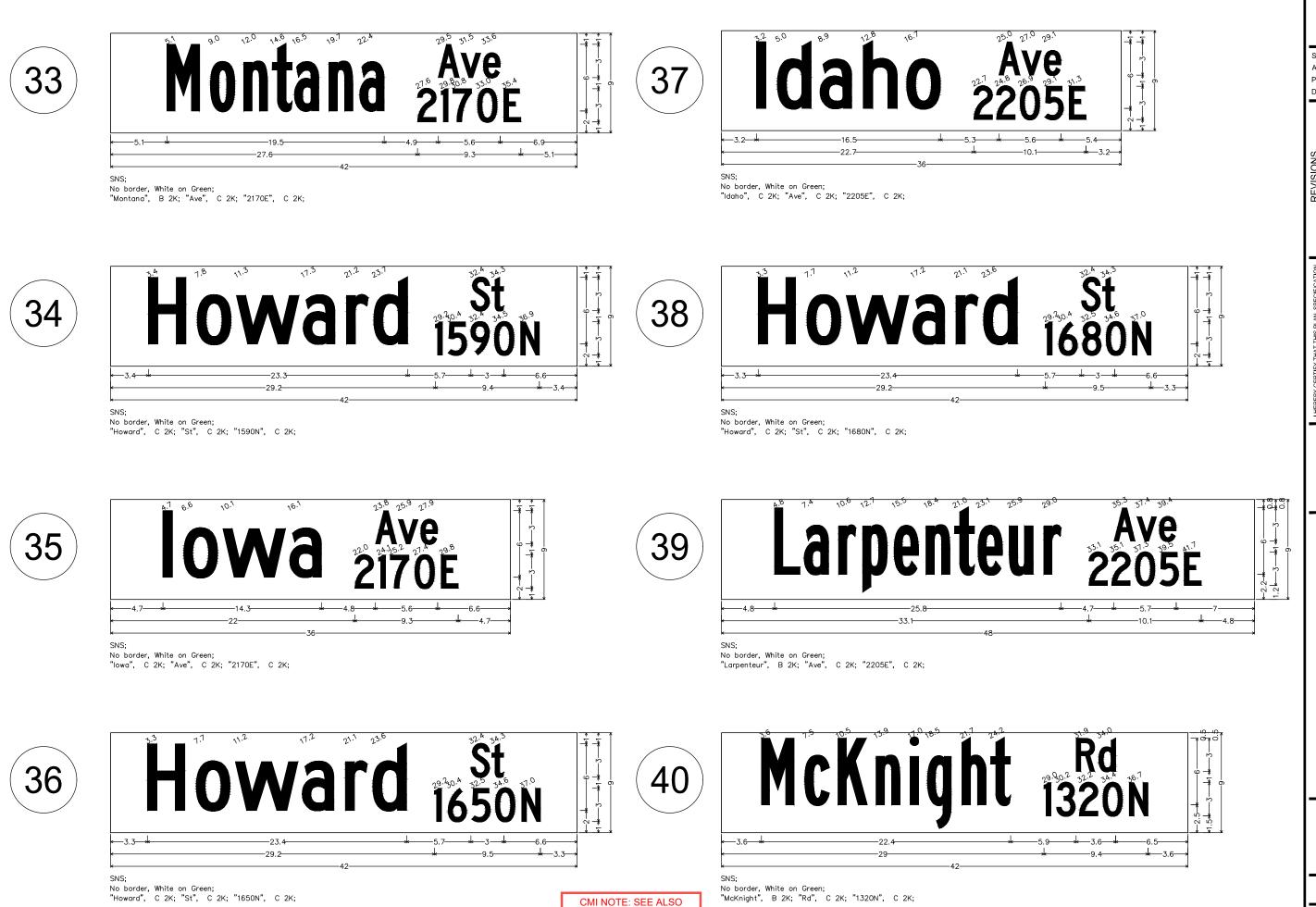
Phone 612-224-5686

PROJECT:

PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

SIGNING AND STRIPING DETAILS

CURRENT REVISION SHEET N



SHEET 346-R, REV. 7

AS SHOWN P.IM PLAN BY CHECK BY:

REVISIONS

SIGNING AND **STRIPING DETAILS**

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North Suite 240 St Paul, Minnesota 55102

Phone 612-224-5686 WSB PROJECT NO.

013987-000



KENT E BRANDER

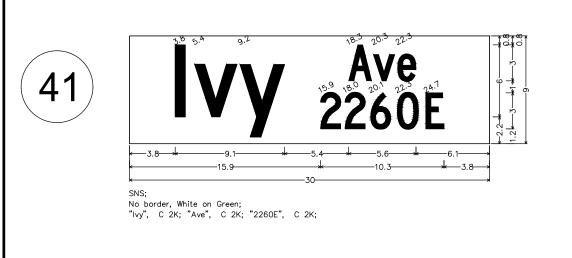
DATE: 07-31-2025 LIC. #: 44578

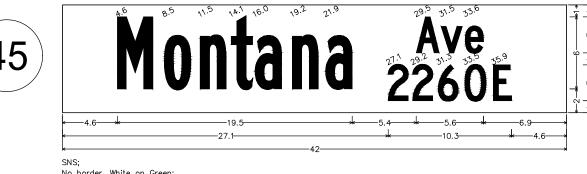
CIVIL METHODS, INC

Saint Paul Port Authority 400 Wabasha St N Ste 240 St. Paul, MN 55102

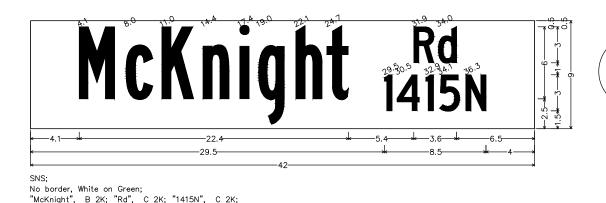
PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

SIGNING AND STRIPING DETAILS



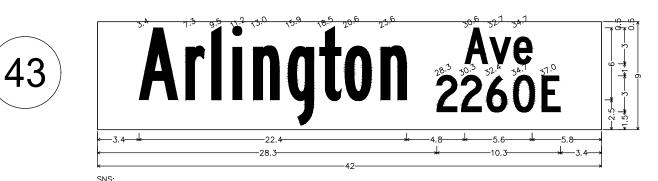


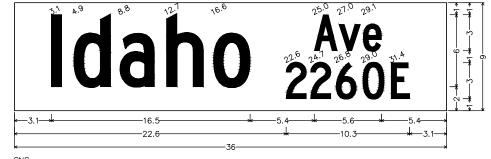
No border, White on Green; "Montana", B 2K; "Ave", C 2K; "2260E", C 2K;



McKnight 1650N -29-

No border, White on Green; "McKnight", B 2K; "Rd", C 2K; "1650N", C 2K;





No border, White on Green; "ldaho", C 2K; "Ave", C 2K; "2260E", C 2K;



No border, White on Green;

No border, White on Green; "McKnight", B 2K; "Rd", C 2K; "1540N", C 2K;

"Arlington", B 2K; "Ave", C 2K; "2260E", C 2K;

CMI NOTE: SEE ALSO SHEET 347-R. REV. 7 (CIVIL METHODS, INC.



AS SHOWN P.IM PLAN BY: CHECK BY:

REVISIONS

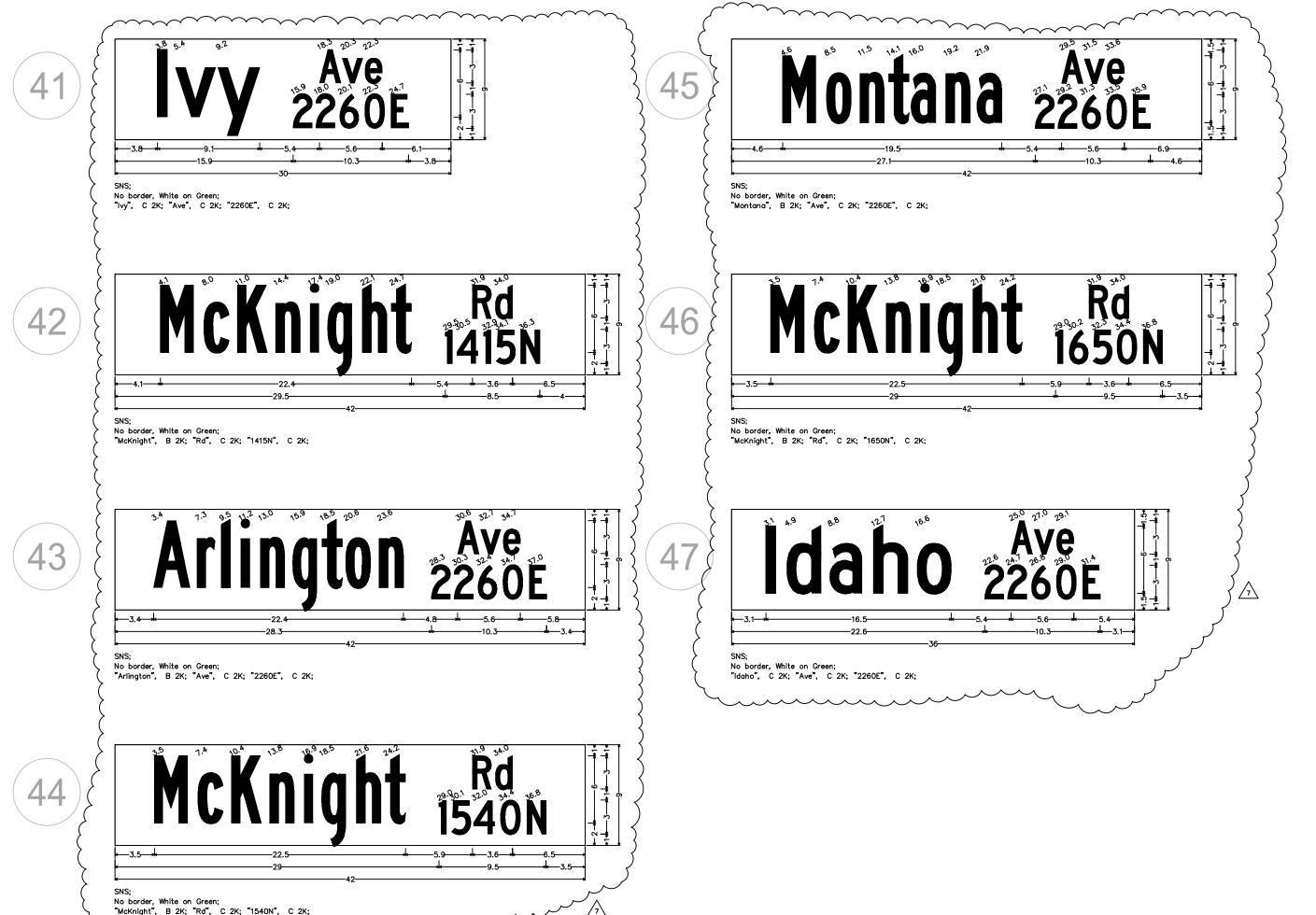
SIGNING AND **STRIPING DETAILS**

INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

Saint Paul Port Authority 400 Wabasha Street North Suite 240

St Paul, Minnesota 55102 Phone 612-224-5686

> WSB PROJECT NO. 013987-000



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* The base design (føded background) is a copy of the corresponding sheet from The Heights Sit Redevelopment, Revision 6, date of 97,23/2024 produced by WSb. The certification below by CkV modifications shown on this sheet, done in response to comments from the City of St. Paul Detailed descriptions of Revision 7 changes are included in a separately provided comment log.

Tree locations depicted in the base design a from Revision 6 and have since been update Refer to Landscape Plans by LHB for to locations

COMMENT #'S ADDRESSED ON THIS SHEET (SEE COMMENT LOG): 6-167, 6-168, 6-169

NO.	DESCRIPTION	DATE
7	Address Rev 6 Comments	7/31/2025

DESIGNED

DRAWN: KEB

I HEREBY CERTIFY THAT THIS PLAN*, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

KENT E. BRANDER

DATE: 07-31-2025 LIC. W: 44578

CIVIL METHODS, INC.

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INFRASTRUCTURE PLANS FOR: THE HEIGHTS SAINT PAUL, MINNESOTA

SIGNING AND STRIPING DETAILS

CURRENT REVISION SHEET N